

## **APPENDICE A AL CAPITOLATO TECNICO**

**PER L'ACCORDO QUADRO RELATIVO ALLA FORNITURA DI APPARECCHIATURE E SOLUZIONI ORACLE  
EXADATA, ZLDRA, LICENZE SOFTWARE E RELATIVI SERVIZI PER SOGEI - ID 2709**

## Ambito: ONPREM

### Nodi Exadata di potenziamento «on premises» (AMBITO: ONPREM)

CODICE / Part Number	DESCRIZIONE
ExaM-8-6TB-648TB	Sistema Exadata con 6TB di RAM e 648TB HDD costituito da: 2 Database Server, ciascuno con 8CPU e 3TB di RAM 3 Storage Cell HC, ciascuna con 2CPU, 256GB di RAM e 12 HDD da 18TB (216TB raw)
ExaM-2-2TB-648TB-HC	Sistema Exadata con 2TB di RAM e 648TB HDD costituito da: 2 Database Server, ciascuno con 2 CPU e 1TB di RAM 3 Storage Cell HC, ciascuna con 2CPU, 256GB di RAM e 12 HDD da 18TB (216TB raw)
ExaM-2-3TB-EF	Sistema Exadata con 3TB di RAM + SSD/FLASH costituito da: 2 Database Server ciascuno con 2 CPU e 1,5TB di RAM 3 Storage Cell EF, ciascuna con 2CPU, 256GB di RAM e 8 SSD/FLASH

#### DETTAGLIO CONFIGURAZIONI EXADATA

ExaM-8-6TB-648TB

CODICE ExaM-8-6TB-648TB			
Line#	Part#	Item Name	Q.ty
1	7602549	Exadata Database Machine X9M-8: model family	
1.1	7603948	Exadata Database Machine X9M-8 High Capacity (HC) Half Rack	1
1.2	7602541	Exadata Database Machine X9M-2: Oracle Linux software image for database server (for factory installation)	1
1.3	7602542	Exadata Database Machine X9M-2: Oracle Linux software image for storage server (for factory installation)	1
1.4	6445A	Two 3-phase high voltage 24 kVA PDUs with IP44 30 A plugs for EMEA and APAC except Japan and Taiwan (for factory installation)	1
1.5	7110966	Engineered Systems 1RU filler panel (for factory installation)	23
1.6	7602538	Replacement part: Oracle Flash Accelerator F640 v3 PCIe card	1
1.7	7602539	Replacement part: one 18 TB 7200 rpm 3.5-inch SAS-3 HDD with coral bracket	1
1.8	B74194	Oracle Standard System Installation Service, Site Audit: Engineered Systems - Group II	1
1.9	B51555	Oracle Exadata Configuration Service (1 rack, up to: 2 clusters, 16 VMs, 4 DB homes)	1
1.10	B82707	ACS Estimated Travel and Expense II	5
2	7604270	Oracle 10/25 GbE Dual Rate SFP28 Short Range (SR) Transceiver	16

## ExaM-2-2TB-648TB-HC

	CODICE	ExaM-2-2TB-648TB-HC	
Line#	Part#	Item Name	Q.ty
1	7602363	Exadata Database Machine X9M-2: model family	
1.1	7603962	Exadata Database Machine X9M-2 High Capacity (HC) Quarter Rack with 1 TB memory and 2 dual 25 G network cards (for factory installation)	1
1.2	6445A	Two 3-phase high voltage 24 kVA PDUs with IP44 30 A plugs for EMEA and APAC except Japan and Taiwan (for factory installation)	1
1.3	7110966	Engineered Systems 1RU filler panel (for factory installation)	31
1.4	7602538	Replacement part: Oracle Flash Accelerator F640 v3 PCIe card	1
1.5	7602539	Replacement part: one 18 TB 7200 rpm 3.5-inch SAS-3 HDD with coral bracket	1
1.6	7602541	Exadata Database Machine X9M-2: Oracle Linux software image for database server (for factory installation)	1
1.7	7602542	Exadata Database Machine X9M-2: Oracle Linux software image for storage server (for factory installation)	1
1.8	B51555	Oracle Exadata Configuration Service (1 rack, up to: 2 clusters, 16 VMs, 4 DB homes)	1
1.9	B63937	Oracle Standard System Installation Service, Basic: Upgrade - Group I	2
1.10	B74194	Oracle Standard System Installation Service, Site Audit: Engineered Systems - Group II	1
1.11	B82707	ACS Estimated Travel and Expense II	5
1.12	7118016	Oracle Dual Port 25 Gb Ethernet Adapter, Broadcom	2
2	7604270	Oracle 10/25 GbE Dual Rate SFP28 Short Range (SR) Transceiver	12

## ExaM-2-3TB-EF

	CODICE	ExaM-2-3TB-EF	
Line#	Part#	Item Name	Q.ty
1	7604997	Exadata Database Machine X10M: model family	
1.1	7605981	Exadata Database Machine X10M Extreme Flash (EF) Quarter Rack with Exadata RDMA memory and two 1.5 TB memory DB servers each with 2 dual 25 G network cards (for factory installation)	1
1.2	7606205	One Cisco 9336C RoCE networking fabric switch v2 (for factory installation)	2
1.3	7605025	QSFP28 passive copper cable: 3 meters, 30 AWG	11
1.4	7605026	QSFP28 passive copper cable: 1 meter, 30 AWG	8
1.5	7606207	One Cisco 9348 management switch v2 (for factory installation)	1
1.6	6445A	Two 3-phase high voltage 24 kVA PDUs with IP44 30 A plugs for EMEA and APAC except Japan and Taiwan (for factory installation)	1
1.7	7606295	Engineered Systems 1 RU filler panel v2	29
1.8	7605028	Exadata Database Machine X10M: Oracle Linux software image for database server (for factory installation)	1
1.9	7605029	Exadata Database Machine X10M: Oracle Linux software image for storage server (for factory installation)	1
1.10	7605928	Oracle Dual Port 25 Gb Ethernet Adapter v2 for Exadata X10M	2
1.11	B51555	Oracle Exadata Configuration Service (1 rack, up to: 2 clusters, 16 VMs, 4 DB homes)	1
1.12	B74194	Oracle Standard System Installation Service, Site Audit: Engineered Systems - Group II	1
1.13	B63937	Oracle Standard System Installation Service, Basic: Upgrade - Group I	2
1.14	B82707	ACS Estimated Travel and Expense II	5
1.15	7604270	Oracle 10/25 GbE Dual Rate SFP28 Short Range (SR) Transceiver	12

## Espansioni Exadata di potenziamento «on premises» (AMBITO: ONPREM)

CODICE / Part Number	DESCRIZIONE
EXP-ExaM-8-RAM-3TB	Espansione 3TB di RAM per Database server: 3TB aggiuntivi per server
EXP-ExaM-2-RAM-1TB	Espansione 1TB di RAM per Database server: 1TB aggiuntivo per server
EXP-ExaM-2-DB-1TB	Espansione di capacità computazionale con 1TB di RAM costituita da: 1 Database Server, ciascuno con 2 CPU e 1TB di RAM
EXP-ExaCELL-216TB-HC	Espansione di capacità storage di 216TB costituita da: 1 Storage Cell HC, ciascuna con 2CPU, 256GB di RAM e 12 HDD da 18TB (216TB raw)
EXP-ExaCELL-EF	Espansione di capacità storage SSD/FLASH costituita da: 1 Storage Cell EF, ciascuna con 2CPU, 256GB di RAM e 8 SSD/FLASH
EXP-Exa-RACK-864TB-HC	Rack di Espansione di capacità storage di 864TB costituito da: 1 Rack cabinet ingegnerizzato Exadata, 4 Storage Cell HC, ciascuna con 2CPU, 256GB di RAM e 12 HDD da 18TB (216TB raw)
EXP-Exa-RACK-EF	Rack di Espansione di capacità storage SSD/FLASH costituito da: 1 Rack cabinet ingegnerizzato Exadata, 4 Storage Cell EF, ciascuna con 2CPU, 256GB di RAM e 8 SSD SSD/FLASH
Exadata Sw HC (L68816)	Exadata Storage Server Software - Disk Drive Perpetual
Exadata Sw EF (L101075)	Exadata Storage Server Software - Flash Drive Perpetual
ZDLRA-Base	Recovery Appliance Base con 768GB di RAM e 648TB HDD costituita da: 2 compute server, ciascuno con 2 CPU e 384GB di RAM, 3 storage server, ciascuno con 2CPU, 128GB di RAM e 12 HDD da 18TB (216TB raw)
EXP-ZDLRA-TOR-SWITCH	1 switch Top Of Rack con 36 porte
EXP-ZDLRA-CELL-216TB	Espansione di capacità storage di 216TB costituita da: 1 storage server con 2CPU, 128GB di RAM e 12 HDD da 18TB (216TB raw)
ZDLRA Sw (L100698)	Oracle Zero Data Loss Recovery Appliance Software - Disk Drive Perpetual
ZDLRA-ZS-RS-Vault	Sistema storage secondario (Vault Storage) con 880TB HDD costituito da: 1 ZS9-2 Racked System con doppio controller Mid-Range, 2 DE3-24C storage enclosure, ciascuno con 20 dischi da 22TB (440TB), 4 SSD W/R accelerator, 2 ToR switch con 36 porte
EXP-ZDLRA-ZS-DE3-Vault	Espansione di capacità storage di 528TB costituita da: 1 storage array DE3-24C con 24 HDD da 22TB (528TB raw)
BCK-SVR-48C-1536GB (7601405)	Sistema server rackmounted, certificato Solaris, per backup/restore server costituito da: Oracle Server X9-2L con 2 CPU e 1,5TB di RAM, 2 dual-port 25G
EXP-ZS-RACK-1200 (7118287)	Oracle Rack Cabinet 1242
Key Vault Sw (L100619)	Oracle Key Vault (OKV) Software license - Server Perpetual
SL4000-LTO8-DRV (7119116)	drive LTO8 8 Gb FC with Oracle Key Manager compatibility for StorageTek SL4000
Ancillary component token	Componenti ancillari funzionali alle configurazioni sia per nuova fornitura che per gli upgrade dei sistemi attuali (quali a titolo esemplificativo ma non esaustivo: cavi - rame e fibra -, transceiver, schede network e HBA, etc.)

## EXP-ExaM-8-RAM-3TB

CODICE EXP-ExaM-8-RAM-3TB			
Line#	Part#	Item Name	Q.ty
1	7118250	Memory upgrade 768 GB (twelve 64 GB) DIMM (for field installation)	4
2	B63937	Oracle Standard System Installation Service, Basic: Upgrade - Group I	2

## EXP-ExaM-2-RAM-1TB

CODICE EXP-ExaM-2-RAM-1TB			
Line#	Part#	Item Name	Q.ty
1	7603141	Exadata X9M-2 memory expansion kit - sixteen 64 GB DDR4 3200 DIMMs	1
2	B63937	Oracle Standard System Installation Service, Basic: Upgrade - Group I	2

## EXP-ExaM-2-DB-1TB

CODICE EXP-EXAM-2-DB-1TB			
Line#	Part#	Item Name	Q.ty
1	7603412	Exadata Database Machine X9M-2 Database Server upgrades: model family	1
1.1	7603428	Exadata Database Server X9M-2 with 1 TB memory and 2 dual 25 G network cards with rail kit (for field installation)	1
1.2	7603434	Exadata Database Machine X9M: Oracle Linux software image for database server upgrades	1
1.3	B82260	Oracle Engineered Systems Upgrade Configuration Service: Database Servers (1-4 servers, 1 rack)	1
1.4	B63939	Oracle Standard System Installation Service, Basic: Upgrade - Group III	1
1.5	B82707	ACS Estimated Travel and Expense II	4
2	7118016	Oracle Dual Port 25 Gb Ethernet Adapter, Broadcom	1
3	B63937	Oracle Standard System Installation Service, Basic: Upgrade - Group I	4
4	7604270	Oracle 10/25 GbE Dual Rate SFP28 Short Range (SR) Transceiver	6

## EXP-ExaCELL-216TB-HC

Nella tabella seguente viene riportata la configurazione per l'upgrade di uno Storage Server per sistemi Exadata X9M-8

CODICE EXP-ExaCELL-216TB-HC			
Line#	Part#	Item Name	Q.ty
1	7603652	Exadata Database Machine X9M-8 Storage Server upgrades: model family	
1.1	7603658	Exadata Storage Server X9M-2 High Capacity (HC) for X9M-8 with 1.5 TB persistent memory with rail kit (for field installation)	1
1.2	7603443	Exadata Database Machine X9M: Oracle Linux software image for storage server upgrades	1
1.3	B90693	Oracle Engineered Systems Upgrade Configuration Service: Storage Servers with Data Balancing (1-10 servers, 1 rack)	1
1.4	B63939	Oracle Standard System Installation Service, Basic: Upgrade - Group III	1
1.5	B82707	ACS Estimated Travel and Expense II	5

Mentre nella tabella seguente viene riportata la configurazione sempre per l'upgrade di uno Storage Server ma per sistemi Exadata X9M-2

CODICE EXP-ExaCELL-216TB-HC			
Line#	Part#	Item Name	Q.ty
1	7603416	Exadata Database Machine X9M-2 Storage Server Upgrades: model family	
1.1	7603437	Exadata Storage Server X9M-2 High Capacity (HC) with 1.5 TB persistent memory with rail kit (for field installation)	1
1.2	7603443	Exadata Database Machine X9M: Oracle Linux software image for storage server upgrades	1
1.3	B63939	Oracle Standard System Installation Service, Basic: Upgrade - Group III	1
1.4	B82707	ACS Estimated Travel and Expense II	5
1.5	B90693	Oracle Engineered Systems Upgrade Configuration Service: Storage Servers with Data Balancing (1-10 servers, 1 rack)	1

## EXP-ExaCELL-EF

	CODICE	EXP-ExaCELL-EF	
Line#	Part#	Item Name	Q.ty
1	7605890	Exadata Database Machine X10M Storage Server upgrades: ATO model family	
1.1	7605973	Exadata Storage Server X10M Extreme Flash (EF) with Exadata RDMA memory (for field installation)	1
1.2	7605934	Exadata Database Machine X10M: Oracle Linux software image for storage server upgrades	1
1.3	B90693	Oracle Engineered Systems Upgrade Configuration Service: Storage Servers with Data Balancing (1-10 servers, 1 rack)	1
1.4	B63939	Oracle Standard System Installation Service, Basic: Upgrade - Group III	1
1.5	B82707	ACS Estimated Travel and Expense II	4

## EXP-Exa-RACK-864TB-HC

	CODICE	EXP-Exa-RACK-864TB-HC	
Line#	Part#	Item Name	Q.ty
1	7602363	Exadata Database Machine X9M-2: model family	
1.1	7603974	Exadata Storage Expansion X9M-2 High Capacity (HC) Quarter Rack	1
1.2	6445A	Two 3-phase high voltage 24 kVA PDUs with IP44 30 A plugs for EMEA and APAC except Japan and Taiwan (for factory installation)	1
1.3	7110966	Engineered Systems 1RU filler panel (for factory installation)	30
1.4	7120146	Exadata Database Machine: expansion switch kit for Network Fabric (for factory installation)	1
1.5	7602538	Replacement part: Oracle Flash Accelerator F640 v3 PCIe card	1
1.6	7602539	Replacement part: one 18 TB 7200 rpm 3.5-inch SAS-3 HDD with coral bracket	1
1.7	7602542	Exadata Database Machine X9M-2: Oracle Linux software image for storage server (for factory installation)	1
1.8	B66861	Oracle Exadata Storage Expansion Quarter Rack Configuration Service	1
1.9	B74194	Oracle Standard System Installation Service, Site Audit: Engineered Systems - Group II	1
1.10	B83849	Oracle Standard System Installation Service, Site Audit: Switches - Group VI (multirack planning)	1
1.11	B83848	Oracle Standard System Installation Service, Basic: Switches - Group V (multirack cabling)	2
1.12	B82707	ACS Estimated Travel and Expense II	5



## EXP-Exa-RACK-EF

	CODICE	EXP-EXA-RACK-EF	
Line#	Part#	Item Name	Q.ty
1	7604997	Exadata Database Machine X10M: model family	
1.1	7605987	Exadata Storage Expansion X10M Extreme Flash (EF) Quarter Rack with Exadata RDMA memory	1
1.2	7606205	One Cisco 9336C RoCE networking fabric switch v2 (for factory installation)	2
1.3	7605025	QSFP28 passive copper cable: 3 meters, 30 AWG	9
1.4	7605026	QSFP28 passive copper cable: 1 meter, 30 AWG	8
1.5	7606207	One Cisco 9348 management switch v2 (for factory installation)	1
1.6	7606206	Exadata Database Machine: expansion switch kit for Network Fabric v2 (for factory installation)	1
1.7	6445A	Two 3-phase high voltage 24 kVA PDUs with IP44 30 A plugs for EMEA and APAC except Japan and Taiwan (for factory installation)	1
1.8	7606295	Engineered Systems 1 RU filler panel v2	30
1.9	7605029	Exadata Database Machine X10M: Oracle Linux software image for storage server (for factory installation)	1
1.10	B66861	Oracle Exadata Storage Expansion Quarter Rack Configuration Service	1
1.11	B74194	Oracle Standard System Installation Service, Site Audit: Engineered Systems - Group II	1
1.12	B82707	ACS Estimated Travel and Expense II	5

## Exadata Sw HC (L68816) &amp; EF (L101075)

	CODICE	Exadata Sw HC (L68816) & Exadata Sw EF (L101075)	
Line#	Part#	Item Name	Q.ty
1	L68816	Exadata Storage Server Software - Disk Drive Perpetual	1
2	L101075	Exadata Storage Server Software - Flash Drive Perpetual	1

Ancillary Component

	CODICE	Ancillary component token	
Line#	Part#	Description	Q.ty
1	7102869	Optical cable assembly: 10 meters, MT ferrule terminated, 12-fiber, multimode, MPO connectors	1
2	7102870	Optical cable assembly: 20 meters, MT ferrule terminated, 12-fiber, multimode, MPO connectors	1
3	7102871	Optical cable assembly: 50 meters, MT ferrule terminated, 12-fiber, multimode, MPO connectors	1
4	7105199	Optical cable assembly: 5 meters, MT ferrule terminated, 12-fiber, multimode, MPO connectors	1
5	7113528	Optical cable: 7 feet, LC-LC, 50/125 diameter, OM4, LSZH, riser	1
6	7116224	Optical cable: 5 meters, LC-LC, 50/125 diameter, OM4, LSZH, riser	1
7	7116225	Optical cable: 10 meters, LC-LC, 50/125 diameter, OM4, LSZH, riser	1
8	7116227	Optical cable: 80 feet, LC-LC, 50/125 diameter, OM4, LSZH, riser	1
9	7118365	Copper splitter cable assembly: 3 meters, QSFP28 to 4 SFP28	1
10	7118366	Copper splitter cable assembly: 5 meters, QSFP28 to 4 SFP28	1
11	7119727	QSFP28 Copper Cable assembly: 5 meters	1
12	7119781	QSFP28 copper cable assembly: 3 meters	1
13	7119868	Optical cable assembly: 100 meters, 12-fiber, OM4, multimode, MPO connectors	1
14	7603516	Optical splitter cable assembly: 10 meters, MT ferrule terminated, 12-fiber to 4x2-fiber, multimode, MPO to 4 LC connectors, extended breakout, 50/125 diameter, OM4, LSZH, riser	1
15	7603517	Optical splitter cable assembly: 20 meters, MT ferrule terminated, 12-fiber to 4x2-fiber, multimode, MPO to 4 LC connectors, extended breakout, 50/125 diameter, OM4, LSZH, riser	1
16	7603518	Optical splitter cable assembly: 50 meters, MT ferrule terminated, 12-fiber to 4x2-fiber, multimode, MPO to 4 LC connectors, extended breakout, 50/125 diameter, OM4, LSZH, riser	1
17	X2125A-5M-N	Copper splitter cable assembly: 5 meters, QSFP+ to 4 SFP+	1
18	X2127A-10M	Optical splitter cable assembly: 10 meters, MT ferrule terminated, 12-fiber to 4x2-fiber, multimode, MPO to 4 LC connectors	1
19	X2127A-20M	Optical splitter cable assembly: 20 meters, MT ferrule terminated, 12-fiber to 4x2-fiber, multimode, MPO to 4 LC connectors	1
20	X2127A-50M	Optical splitter cable assembly: 50 meters, MT ferrule terminated, 12-fiber to 4x2-fiber, multimode, MPO to 4 LC connectors	1
21	7118019	SFP28 short-range transceiver	1
22	7119728	QSFP28 short-range transceiver	1
23	7120053	Oracle 1/10 GbE Dual Rate SFP+ Short Range (SR) Transceiver	1

	CODICE	Ancillary component token	
24	7604270	Oracle 10/25 GbE Dual Rate SFP28 Short Range (SR) Transceiver	1
25	7603661	Oracle Dual Port 100 Gb Ethernet Adapter, Mellanox None Included: Requires QSFP28 or QSFP+ transceivers	1
26	7602269	CX5 100 GbE network card for Oracle ZFS Storage ZS7 None Included: Requires QSFP28 or QSFP+ transceivers	1
27	7118016	Oracle Dual Port 25 Gb Ethernet Adapter, Broadcom None Included: Supports SW Optical SFP28	1
28	7115461	Oracle Storage Dual Port 16 Gb or 32 Gb Fibre Channel PCIe HBA with 2 transceivers, Emulex (2) Included: Short Reach Optical	1
29	7115462	Oracle Storage Dual Port 16 Gb or 32 Gb Fibre Channel PCIe HBA with 2 transceivers, Qlogic (2) Included: Short Reach Optical	1
30	7604168	Oracle Quad Port 10GBase-T Adapter v2 Built-in: (4) Copper RJ45	1
31	7111181	Oracle Quad Port 10GBase-T Adapter Built-in: (4) Copper RJ45	1
32	7120024	Cable: 3 meters, mini SAS HD to mini SAS HD, active optical (ZFS)	1
33	7120025	Cable: 6 meters, mini SAS HD to mini SAS HD, active optical (ZFS)	1

## Dettaglio configurazioni Data Protection

### ZDLRA-Base

	CODICE	ZDLRA-Base	
Line#	Part#	Item Name	Q.ty
1	7605056	Zero Data Loss Recovery Appliance RA23: model family	
1.1	7605069	Zero Data Loss Recovery Appliance RA23 Base Rack (for factory installation)	1
1.2	7605025	QSFP28 passive copper cable: 3 meters, 30 AWG	11
1.3	7605026	QSFP28 passive copper cable: 1 meter, 30 AWG	8
1.4	7110966	Engineered Systems 1RU filler panel (for factory installation)	31
1.5	6445A	Two 3-phase high voltage 24 kVA PDUs with IP44 30 A plugs for EMEA and APAC except Japan and Taiwan (for factory installation)	1
1.6	7605072	Zero Data Loss Recovery Appliance RA23: Oracle Linux software image for database server (for factory installation)	1
1.7	7605073	Zero Data Loss Recovery Appliance RA23: Oracle Linux software image for storage server (for factory installation)	1
1.8	7604778	One Cisco 9336C RoCE networking fabric switch (for factory installation)	2
1.9	7604781	One Cisco 9348 management switch (for factory installation)	1
1.10	7601225	Oracle Storage Dual Port 16 Gb or 32 Gb Fibre Channel PCIe HBA with 2 transceivers, Qlogic, for Zero Data Loss Recovery Appliance only (for factory installation)	2
1.11	7604270	Oracle 10/25 GbE Dual Rate SFP28 Short Range (SR) Transceiver	8
1.12	B82258	Oracle Zero Data Loss Recovery Appliance Configuration Service	1
1.13	B74194	Oracle Standard System Installation Service, Site Audit: Engineered Systems - Group II	1
1.14	B91974	Oracle Standard Software Installation & Configuration for Systems Service: Zero Data Loss Recovery Appliance Protected Database	1
1.15	B82707	ACS Estimated Travel and Expense II	9

## EXP-ZDLRA-ToR-SWITCH

		EXP-ZDLRA-TOR-SWITCH	
Line#	Part#	Item Name	Q.ty
1	7119781	QSFP28 copper cable assembly: 3 meters	2
2	7600904	Exadata Database Machine: Cisco 9336C Expansion Switch Kit for Network Fabric with vented filler (for field installation)	1
3	B63939	Oracle Standard System Installation Service, Basic: Upgrade - Group III	1
4	B91977	ACS Estimated Travel and Expense I	4

## EXP-ZDLRA-CELL-216TB

	CODICE	EXP-ZDLRA-CELL-216TB	
Line#	Part#	Item Name	Q.ty
1	7606152	Zero Data Loss Recovery Appliance RA23 X9-2L Storage Server Upgrades: model family	
1.1	7606169	Zero Data Loss Recovery Appliance RA23: X9-2L Storage Server with rail kit (for field installation)	1
1.2	7606170	Zero Data Loss Recovery Appliance RA23: Oracle Linux software image for storage server upgrades	1
1.3	B90693	Oracle Engineered Systems Upgrade Configuration Service: Storage Servers with Data Balancing (1-10 servers, 1 rack)	1
1.4	B63939	Oracle Standard System Installation Service, Basic: Upgrade - Group III	1
1.5	B82707	ACS Estimated Travel and Expense II	4

## ZDLRA Sw (L100698)

	CODICE	ZDLRA Sw (L100698)	
Line#	Part#	Item Name	Q.ty
1	L100698	Oracle Zero Data Loss Recovery Appliance Software - Disk Drive Perpetual	1

## ZDLRA-ZS-RS-Vault

	CODICE	ZDLRA-ZS-RS-Vault	
Line#	Part#	Item Name	Q.ty
1	7603877	Config Id: 302936317091489 - Oracle ZFS Storage Appliance Racked System ZS9-2: ATO model family	
1.1	7603891	Oracle ZFS Storage Appliance Racked System ZS9-2: base system, mid-range	1
1.2	7604269	Oracle 10/25 GbE Dual Rate SFP28 Short Range (SR) Transceiver (for factory installation)	12
1.3	7110966	Engineered Systems 1RU filler panel (for factory installation)	28
1.4	7604140	Two 100 GbE switches (for factory installation)	1
1.5	6441A	Two 3-phase high voltage 15 kVA PDUs with 4P5W-IP44 plugs for EMEA and APAC, except Japan and Taiwan (for factory installation)	1
1.6	7605523	Cable: 4 meters, mini-SAS HD to mini-SAS HD, active optical (for factory installation)	8
1.7	7606222	Oracle ZFS Storage Appliance Racked System: HC drive enclosure DE3 with twenty 22 TB HDDs (for factory installation)	2
1.8	7115942	One 3.5-inch SAS SSD write flash accelerator for drive enclosure DE3 (for factory installation)	4
1.9	7600266	One 7.68 TB 3.5-inch SAS SSD flash accelerator for drive enclosure DE3 (for factory installation)	4
1.10	7603662	Oracle Dual Port 25 Gb Ethernet Adapter, Mellanox (for factory installation)	6
1.11	7602268	Oracle Dual Port 100Gb Ethernet Adapter for ZFS Racked System (for factory installation)	2
1.12	7604237	Oracle Quad Port 10GBase-T Adapter v2 (for factory installation)	2
1.13	7604141	QSFP28 copper cable assembly: 3 meters (for factory installation)	4
1.14	7119727	QSFP28 Copper Cable assembly: 5 meters	4
1.15	B61974	Oracle Standard System Installation Service, Site Audit: Storage Disk - Group IV	1
1.16	B72650	Oracle Standard Software Installation and Configuration for Systems Service: Oracle ZFS Backup Appliance (1 rack, 2 VM, up to 10 DB)	1
1.17	B92391	Oracle Standard Software Installation & Configuration for Systems Service: Cisco IOS Switches (1 switch, up to 24 ports)	2
1.18	B82707	ACS Estimated Travel and Expense II	15
1.19	B72641	Oracle Standard Software Installation & Configuration for Systems Service: Base	1

## EXP-ZDLRA-ZS-DE3-Vault

	CODICE	EXP-ZDLRA-ZS-DE3-Vault	
Line#	Part#	Item Name	Q.ty
1	7113147	Config Id: 302936344108097 - Oracle Storage Drive Enclosure DE3-24C, for field installation: model family	
1.1	7113195	Oracle Storage Drive Enclosure DE3-24C: base chassis (for factory installation)	1
1.2	7606227	One 22 TB 7200 rpm 3.5 inch SAS-3 HDD with coral bracket (for factory installation)	24
1.3	SR-JUMP-2MC13	Power cord: Sun Rack 2 jumper, 2 meters, C14RA plug, C13 connector, 13 A (for factory installation)	2
1.4	7113644	Cable: 1 meter, mini SAS HD to mini SAS HD (for factory installation)	2
1.7	7605523	Cable: 4 meters, mini-SAS HD to mini-SAS HD, active optical (for factory installation)	2
1.5	B63937	Oracle Standard System Installation Service, Basic: Upgrade - Group I	4
1.6	B97155	Oracle Standard Software Installation and Configuration Service: ZFS Storage Appliance Upgrade (up to 8 DE, 4 pools, 2 NICs)	1
1.7	B82707	ACS Estimated Travel and Expense II	2
1.8	B72641	Oracle Standard Software Installation & Configuration for Systems Service: Base	1

## BCK-SVR-48C-1536GB (7601405)

	CODICE	BCK-SVR-48C-1536GB (7601405)	
Line#	Part#	Item Name	Qty
1	7601405	Oracle Server X9-2L: model family	
1.1	7601424	Oracle Server X9-2L: 2 RU base chassis with motherboard, twelve 3.5-inch drive slots disk cage, 2 PSUs, slide rail kit, and cable management arm	1
1.2	7602838	1 Intel Xeon Gold 5318Y 24-core 2.1 GHz processor (for factory installation)	2
1.3	7602844	One 64 GB DDR4-3200 registered DIMM (for factory installation)	24
1.4	7602848	Processor clip (for factory installation)	2
1.5	7602707	One 18 TB 7200 rpm 3.5-inch SAS-3 HDD with coral bracket (for factory installation)	2
1.6	7113128	3.5-inch disk drive filler panel (for factory installation)	10
1.7	7117125	Oracle Storage 12 Gb SAS PCIe RAID HBA, internal: 16 port and 2 GB memory (for factory installation)	1
1.8	7117387	SAS cable for 2U (for factory installation)	1
1.9	7115460	Oracle Storage Dual Port 16 Gb or 32 Gb Fibre Channel PCIe HBA with 2 transceivers, Qlogic (for factory installation)	2
1.10	7118015	Oracle Dual Port 25 Gb Ethernet Adapter, Broadcom (for factory installation)	2
1.11	7102748	PCIe filler panel (for factory installation)	6
1.12	7120050	Oracle 1/10 GbE Dual Rate SFP+ Short Range (SR) Transceiver (for factory installation)	4
1.13	SR-JUMP-2MC13	Power cord: Sun Rack 2 jumper, 2 meters, C14RA plug, C13 connector, 13 A (for factory installation)	2
1.14	7603326	Tall heat sink (for factory installation)	2
1.15	7603330	Two 240 GB M.2 SATA SSDs with riser card for 2U (for factory installation)	1
1.16	B61304	Oracle Standard System Installation Service, Site Audit: Servers - Group II	1



## EXP-ZS-RACK-1200 (7601405)

	CODICE	EXP-ZS-RACK-1200 (7601405)	
Line#	Part#	Item Name	Qty
1	7100262	1-phase high voltage 22 kVA PDU	2
2	B63938	Oracle Standard System Installation Service, Basic: Upgrade - Group II	2
3	7100497	Solid filler panel kit with eight 1U snap-in panels	4
4	7118287	Oracle Rack Cabinet 1242	1
5	B61995	Oracle Standard System Installation Service, Racks - Basic	1
6	B82707	ACS Estimated Travel and Expense II	1
7	XSR-CLIPNUT-N	Sun Rack II clip nut/screw kit with M6x1 nut, M6x1x12mm screw, quantity 32	1

## Key Vault Sw (L100619)

	CODICE	Key Vault Sw (L100619)	
Line#	Part#	Item Name	Q.ty
1	L100619	Oracle Key Vault - Server Perpetual	1

## SL4000-LTO8-DRV

	CODICE	SL4000-LTO8-DRV (7119116)	
Line#	Part#	Item Name	Q.ty
1	12000439	StorageTek Enterprise Tape Drives	
1.1	7119116	StorageTek LTO tape drive: 1 IBM LTO8 8 Gb FC with Oracle Key Manager compatibility for StorageTek SL3000 and StorageTek SL4000	1
1.2	B63937	Oracle Standard System Installation Service, Basic: Upgrade - Group I	1

## Ambito: ExaC@C

### Crediti ExaC@C (Cloud@Customer) (AMBITO: ExaC@C)

Crediti ExaC@C 48 months Standard	Sottoscrizioni con durata obbligatoria di 48 mesi e pagamento del relativo canone per 48 mensilità (vedi nota 1)	
CODICE	CODICE / Part Number	DESCRIZIONE (*)
Credit-ExaCC-QR-X9 (STD)	B93129	Exadata Cloud@Customer - Quarter Rack con 3TB RAM e 648TB HDD - X9
Credit-ExaCC-DB-server-X9 (STD)	B93417	Exadata Cloud@Customer - Database server con 1,5TB RAM - X9
Credit-ExaCC-Storage-server-X9 (STD)	B93137	Exadata Cloud@Customer - Storage Server con 216TB HDD - X9
Credit-ExaCC-Expansion-Rack-X9 (STD)	B93135	Exadata Cloud@Customer - Expansion Rack con 216TB HDD - X9
Credit-ExaCC-QR-X10 (STD)	B96608	Exadata Cloud@Customer - Quarter Rack con 3TB RAM e 648TB HDD
Credit-ExaCC-DB-server-X10 (STD)	B96611	Exadata Cloud@Customer - Database server con 1,5TB RAM
Credit-ExaCC-QR--X10-L (STD)	B98126	Exadata Cloud@Customer - Quarter Rack con 4,5TB RAM e 648TB HDD
Credit-ExaCC-DB-server--X10-L (STD)	B98127	Exadata Cloud@Customer - Database server con 2,25TB RAM
Credit-ExaCC-QR--X10-XL (STD)	B96609	Exadata Cloud@Customer - Quarter Rack con 6TB RAM e 648TB HDD
Credit-ExaCC-DB-server--X10-XL (STD)	B96612	Exadata Cloud@Customer - Database server con 3TB RAM
Credit-ExaCC-Storage-server-X10 (STD)	B96614	Exadata Cloud@Customer - Storage Server con 216TB HDD
Credit-ExaCC-Expansion-Rack-X10 (STD)	B96615	Exadata Cloud@Customer - Expansion Rack con 216TB HDD
ExaCC-Activation-Service	B91390	Exadata Cloud at Customer Installation and Activation Service

(\*) I valori espressi per la memoria e la capacità disco sono da considerarsi raw.

#### Nota 1

tutte le sottoscrizioni di Cloud@Customer (ExaC@C) "**Crediti ExaC@C 48 months Standard**" possono essere ordinate ed attivate esclusivamente entro i primi 12 mesi di vigenza contrattuale.

L'attivazione entro i primi 12 mesi del contratto prevede che tali sistemi siano installati.

I crediti del tipo "**Crediti ExaC@C 48 months Standard**" prevedono una durata obbligatoria di 48 mesi a decorrere dall'attivazione ed un canone mensile relativo per 48 mensilità.

Crediti ExaC@C 36/48 months with Flexibility	Sottoscrizioni con durata a scelta da un minimo di 36 e fino a 48 mesi e pagamento del relativo canone per 36 mensilità (vedi nota 1)	
CODICE	CODICE / Part Number	DESCRIZIONE (*)
Credit-ExaCC-QR-X9 (FLEX)	B93129-FLEX	Exadata Cloud@Customer - Quarter Rack con 3TB RAM e 648TB HDD - X9
Credit-ExaCC-DB-server-X9 (FLEX)	B93417-FLEX	Exadata Cloud@Customer - Database server con 1,5TB RAM - X9
Credit-ExaCC-Storage-server-X9 (FLEX)	B93137-FLEX	Exadata Cloud@Customer - Storage Server con 216TB HDD - X9
Credit-ExaCC-Expansion-Rack-X9 (FLEX)	B93135-FLEX	Exadata Cloud@Customer - Expansion Rack con 216TB HDD - X9
Credit-ExaCC-QR-X10 (FLEX)	B96608-FLEX	Exadata Cloud@Customer - Quarter Rack con 3TB RAM e 648TB HDD
Credit-ExaCC-DB-server-X10 (FLEX)	B96611-FLEX	Exadata Cloud@Customer - Database server con 1,5TB RAM
Credit-ExaCC-QR--X10-L (FLEX)	B98126-FLEX	Exadata Cloud@Customer - Quarter Rack con 4,5TB RAM e 648TB HDD
Credit-ExaCC-DB-server--X10-L (FLEX)	B98127-FLEX	Exadata Cloud@Customer - Database server con 2,25TB RAM
Credit-ExaCC-QR--X10-XL (FLEX)	B96609-FLEX	Exadata Cloud@Customer - Quarter Rack con 6TB RAM e 648TB HDD
Credit-ExaCC-DB-server--X10-XL (FLEX)	B96612-FLEX	Exadata Cloud@Customer - Database server con 3TB RAM
Credit-ExaCC-Storage-server-X10 (FLEX)	B96614-FLEX	Exadata Cloud@Customer - Storage Server con 216TB HDD
Credit-ExaCC-Expansion-Rack-X10 (FLEX)	B96615-FLEX	Exadata Cloud@Customer - Expansion Rack con 216TB HDD
ExaCC-Activation-Service	B91390-FLEX	Exadata Cloud at Customer Installation and Activation Service

(\*) I valori espressi per la memoria e la capacità disco sono da considerarsi raw.

## Nota 1

tutte le sottoscrizioni di Cloud@Customer (ExaC@C) "**Crediti ExaC@C 36/48 months with Flexibility**" possono essere ordinate ed attivate esclusivamente entro i primi 24 mesi di vigenza contrattuale.

L'attivazione entro i primi 24 mesi del contratto prevede che tali sistemi siano installati.

I crediti del tipo "**Crediti ExaC@C 36/48 months with Flexibility**" prevedono una durata minima di 36 mesi e fino a un massimo di 48 mesi a decorrere dall'attivazione, ed un canone mensile relativo per 36 mensilità (i 36 mesi di canone danno diritto alla disponibilità della macchina fino ad un massimo di 48 mesi)

Eventuali estensioni dopo il 48esimo mese, al termine delle sottoscrizioni di cui sopra, potranno essere ordinate su base mensile per un periodo massimo di 12 mesi, all'importo dei crediti del tipo "**Crediti ExaC@C 48 months Standard**"

## Crediti ExaC@C - Cloud a consumo non committed (AMBITO: ExaC@C)

Crediti Cloud a Consumo (non committed)	Budget annuale di crediti per almeno 120K utilizzabile nei 12 mesi successivi all'ordine (vedi nota 2)	
CODICE	CODICE / Part Number	DESCRIZIONE
<b>Crediti Cloud per Servizi Database su ExaC@C</b>		
Credit-ExaCC-OCPU-DB-BYOL	B88206-B91364	Exadata Cloud at Customer - Database OCPU - BYOL
Credit-ExaCC-OCPU-ADW-BYOL	B88206-B92421	Exadata Cloud at Customer - Autonomous Data Warehouse - Database OCPU - BYOL
Credit-ExaCC-OCPU-ATP-BYOL	B88206-B92420	Exadata Cloud at Customer - Autonomous Transaction Processing - Database OCPU - BYOL

### Nota 2

#### Chiarimenti sull'utilizzo dei "Crediti Cloud a Consumo (non committed)"

- Gli ordini relativi a questi crediti cloud renderanno disponibile un budget senza alcun obbligo di consumo e quindi di fatturazione, che potrà essere utilizzato nell'arco dei 12 mesi successivi.
- L'importo minimo ordinabile di tale budget annuale è pari a € 120.000,00 e rappresenta il valore consumabile con l'utilizzo dei servizi cloud di interesse. Solo esprimendo tale budget (pur non impegnativo per il cliente) Oracle può garantire l'applicazione delle fasce di sconto in funzione dei volumi.
- Per ordini pluriennali andrà specificato il budget allocato per ciascuna annualità.
- La quota parte di budget non consumata (anche nella sua interezza) potrà essere riallocata nei periodi successivi.

## Crediti Cloud a consumo (AMBITO: Cloud)

Crediti Cloud a Consumo (non committed)	Budget annuale di crediti per almeno 120K utilizzabile nei 12 mesi successivi all'ordine (vedi nota 2)	
CODICE	CODICE / Part Number	DESCRIZIONE
<b>Crediti ExaCS</b>		-
Credit-ExaCS-Quarter-Rack	B88206-B93380	Exadata Cloud Infrastructure - Quarter Rack
Credit-ExaCS-DB-server	B88206-B93381	Exadata Cloud Infrastructure - Database Server
Credit-ExaCS-Storage-server	B88206-B93382	Exadata Cloud Infrastructure - Storage Server
Credit-ExaCS-OCPU-DB-BYOL	B88206-B88847	Exadata Database OCPU - Dedicated Infrastructure - BYOL
Credit-ExaCS-OCPU-ADW-BYOL	B88206-B92184	Oracle Autonomous Data Warehouse - Dedicated - BYOL
Credit-ExaCS-OCPU-ATP-BYOL	B88206-B92183	Oracle Autonomous Transaction Processing - Dedicated - BYOL
<b>Crediti monitoraggio Exa</b>		-
Credit-ExaOP-Insights	B88206-B92890	Oracle Cloud Infrastructure Operations Insights for External Oracle Databases and Host
Credit-ExaOP-Log-Analytics	B88206-B95634	Oracle Cloud Infrastructure Logging Analytics - Active Storage

## Nota 2

### Chiarimenti sull'utilizzo dei "Crediti Cloud a Consumo (non committed)"

- Gli ordini relativi a questi crediti cloud renderanno disponibile un budget senza alcun obbligo di consumo e quindi di fatturazione, che potrà essere utilizzato nell'arco dei 12 mesi successivi.
- L'importo minimo ordinabile di tale budget annuale è pari a € 120.000,00 e rappresenta il valore consumabile con l'utilizzo dei servizi cloud di interesse. Solo esprimendo tale budget (pur non impegnativo per il cliente) Oracle può garantire l'applicazione delle fasce di sconto in funzione dei volumi.
- Per ordini pluriennali andrà specificato il budget allocato per ciascuna annualità.
- La quota parte di budget non consumata (anche nella sua interezza) potrà essere riallocata nei periodi successivi.

## Ambito: ACS

### Servizi ACS (AMBITO: ACS)

Servizi ACS di set-up - Elementi di listino	CODICE / Part Number
Oracle-ACS Pre-Production Readiness su Exadata	B72742
Oracle-ACS Pre-Production Readiness su ZFS	B72742
Oracle-ACS Pre-Production Readiness su ZDLRA	B72742
Oracle-ACS Pre-Production Readiness su server X9	B72742
Oracle-ACS Software Configuration su Oracle Systems	B65863
Oracle-ACS Go-Live Support su Oracle Systems	B72741

## Ambito: OC

### Servizi OC (AMBITO: OC)

Elemento di Listino - Pacchetto Servizi	CODICE / Part Number	Giornate per pacchetto
Oracle Consulting Residency for Oracle Engineered Systems	1930418	50
Oracle Consulting Cloud Services - Assessment & Architecture	507966-A	50
Oracle Consulting Cloud Services - Implementation / Migration	507966-B	50
Oracle Consulting Cloud At Customer Foundation Service	B91893 - IT	40
Oracle Consulting Residency for Oracle Technology - Security	171039 - SEC	50

## Ambito: FORM

### Servizi Oracle University (AMBITO: FORM)

CODICE / Part Number	Descrizione
B94110 - B94111	Unlimited Cloud Learning Subscription :sottoscrizione digitale per utente /12 mesi , con accesso al catalogo di formazione e certificazione Oracle University che include : B94110 - EDU Cloud Applications Learning subscription - Hosted Named User e B94111 - EDU Technology Learning subscription - Hosted Named User

## Ambito: MAINT

### Manutenzione preesistente (AMBITO: MAINT)

CODICE / Config ID	SERIAL NUMBER	DESCRIZIONE FAMIGLIA HW
6637995	AK00291870	SPARC T5-2 server: model family
6637995	AK00291871	SPARC T5-2 server: model family
6637995	2343VLY-1514RS0001	Sun Rack II 1242/1242E
6637995	1514NMTOK2	Oracle Storage Drive Enclosure DE2-24C: model family
6637995	1515NMT00H	Oracle Storage Drive Enclosure DE2-24C: model family
6637995	1514NM201D	Oracle ZFS Storage ZS3-2: model family
6637995	1514NM201C	Oracle ZFS Storage ZS3-2: model family
6637995	1510NMT0BF	Oracle Storage Drive Enclosure DE2-24C: model family
6637995	1510NMT0BR	Oracle Storage Drive Enclosure DE2-24C: model family
6637995	AK00292108	Exadata Database Machine X5-2: model family
6637995	AK00292109	Exadata Database Machine X5-2: model family
6637995	AK00292111	Exadata Database Machine X5-2: model family
6637995	1514NM10RD	Oracle Database Appliance X5-2: model family
6637995	1514NM10RP	Oracle Database Appliance X5-2: model family
5485782	AK00042132	Exadata System ATO Model
5485782	AK00041949	SPARC SuperCluster T4-4: model family
5485782	AK00041950	SPARC SuperCluster T4-4: model family
5485782	AK00042305	Exadata System ATO Model
5485782	AK00042828	Exadata X2-8 ATO Model

5485782	AK00042829	Exadata X2-8 ATO Model
5485782	AK00263294	Oracle SuperCluster M6-32: model family
5485782	AK00263290	Oracle SuperCluster M6-32: model family
6165670	AK00167489	Exadata Database Machine X4-2: model family
6165670	AK00167486	Exadata Database Machine X3-8: model family
6165670	AK00222806	SUNDC SWITCH IB-36P MANAGED,LF
6165670	AK00223817	Exadata Database Machine X3-8: model family
6165670	1424NML10F	Sun Server X4-2: model family
6165670	1424NML10G	Sun Server X4-2: model family
6165670	1424NM203P	Oracle ZFS Storage ZS3-2: model family
6165670	1424NM203T	Oracle ZFS Storage ZS3-2: model family
6165670	1423NMT078	Oracle Storage Drive Enclosure DE2-24C: model family
6165670	1424NMT029	Oracle Storage Drive Enclosure DE2-24C: model family
6165670	1424NMT02A	Oracle Storage Drive Enclosure DE2-24C: model family
6165670	1424NML10D	Sun Server X4-2: model family
6165670	1424NML10E	Sun Server X4-2: model family
13029554	StorageTek Tape Analytics SL8500	StorageTek Tape Analytics for StorageTek SL8500 modular library system - Integrated Software Option - per Tape Library Metric
13029554	StorageTek Linear Tape File System SL8500	StorageTek Linear Tape File System, Library Edition for StorageTek SL8500 modular library system - Integrated Software Option - per Tape Library Metric
13029554	Oracle ZFS Storage Appliance Cloning	Oracle ZFS Storage Appliance Cloning - Integrated Software Option - per Management Controller Metric
13029554	Oracle ZFS Storage Appliance Replication	Oracle ZFS Storage Appliance Replication - Integrated Software Option - per Management Controller Metric
13029554	1639NM211D	Oracle ZFS Storage ZS3-2: model family
13029554	1639NM211C	Oracle ZFS Storage ZS3-2: model family
13029554	1639NMT01J	4xOracle Storage Drive Enclosure DE2-24C: model family
13029554	2343VLY-1646RW0001	Sun Rack II 1242/1242E
13029554	2343VLY-1644RW007	Sun Rack II 1242/1242E
13029554	2343VLY-1644RW008	Sun Rack II 1242/1242E
13029554	2343VLY-1644RW009	Sun Rack II 1242/1242E
13029554	AK00385091	SPARC T5-2 server: model family
13029554	AK00385092	SPARC T5-2 server: model family
13029554	1643NM1080	Oracle Server X5-2: model family
13029554	1643NM1081	Oracle Server X5-2: model family
13029554	NX1643641A	Memory Expansion Kit: model family



13029554	Oracle ZFS Appliance Replication	Oracle ZFS Storage Appliance Replication - Integrated Software Option - per Management Controller Metric
13029554	1643NM107X	Oracle Server X5-2: model family
13029554	1643NM107Y	Oracle Server X5-2: model family
13029554	AK00384640	SPARC T5-2 server: model family
13029554	AK00384641	SPARC T5-2 server: model family
13029554	AK00384642	SPARC T5-2 server: model family
13029554	AK00384643	SPARC T5-2 server: model family
13029554	AK00384644	SPARC T5-2 server: model family
13029554	AK00384645	SPARC T5-2 server: model family
13029554	AK00384646	SPARC T5-2 server: model family
13029554	AK00384647	SPARC T5-2 server: model family
13029554	AK00384648	SPARC T5-2 server: model family
13029554	AK00384649	SPARC T5-2 server: model family
13029554	AK00384650	SPARC T5-2 server: model family
13029554	AK00384651	SPARC T5-2 server: model family
13029554	AK00384652	SPARC T5-2 server: model family
13029554	AK00384653	SPARC T5-2 server: model family
13029554	AK00384654	SPARC T5-2 server: model family
13029554	AK00384655	SPARC T5-2 server: model family
13029554	AK00385521	SPARC T5-2 server: model family
13029554	AK00385522	SPARC T5-2 server: model family
18608001	AK00424456	Exadata Database Machine X7-2: model family
18608001	AK00424455	Exadata Database Machine X7-8: model family
18608001	AK00424454	ASSY,IB-SW,NM2-36P MANAGED,W/NEW KONTRON
18608003	1817NN759H	SPARC T7-2 server: model family
18608003	1819NN75FY	SPARC T7-2 server: model family
18608004	1819NMB01M	Oracle ZFS Storage ZS5-2: model family
18608004	1819NMB01N	Oracle ZFS Storage ZS5-2: model family
18608004	1819NMQ81U	Oracle Storage Drive Enclosure DE3-24C: model family
18608004	1819NMQ81V	Oracle Storage Drive Enclosure DE3-24C: model family
18608004	1819NMQ81W	Oracle Storage Drive Enclosure DE3-24C: model family
18608004	464970G+1821J92915	T10000D,FC,DPSW,SL8500
18608004	464970G+1821J92916	T10000D,FC,DPSW,SL8500

18608004	464970G+1821J92917	T10000D,FC,DPSW,SL8500
18608004	464970G+1821J92918	T10000D,FC,DPSW,SL8500
18608004	464970G+1821J92919	T10000D,FC,DPSW,SL8500
18608004	464970G+1821J92920	T10000D,FC,DPSW,SL8500
18608004	464970G+1821J92921	T10000D,FC,DPSW,SL8500
18608004	464970G+1821J92922	T10000D,FC,DPSW,SL8500
18608004	AK00424668	Zero Data Loss Recovery Appliance X7: model family
18608005	AK00424452	ASSY,IB-SW,NM2-36P MANAGED,W/NEW KONTRON
18608005	AK00424453	ASSY,IB-SW,NM2-36P MANAGED,W/NEW KONTRON
18608005	1819NMQ806	Oracle Storage Drive Enclosure DE3-24C, for after original system installation
18608005	AK00424812	Oracle ZFS Storage Appliance Racked System ZS5-2: model family
20235543	AK00582089	Exadata Database Machine X8M-2 High Capacity (HC) Quarter Rack with two 384 GB;
20235543	AK00582088	Oracle ZFS Storage Appliance Racked System ZS7-2: ATO model family
19094778	AK00430409	Exadata Database Machine X7-2 Upgrades: model family
19094778	AK00430404	Zero Data Loss Recovery Appliance X7 Upgrades: model family
19052793	AK00429779	Exadata Database Machine X7-2 Upgrades: model family
19052793	1828NNX188	ASSY,IB-SW,NM2-36P MANAGED,W/NEW KONTRON
19052793	AK00429768	Exadata Database Machine X7-2: model family
19052793	AK00429767	Exadata Database Machine X7-2: model family
19052793	AK00429766	Exadata Database Machine X7-2: model family
19052793	1839NMQ80X	Oracle Storage Drive Enclosure DE3-24C, for after original system installation
19052793	1839NMQ80Y	Oracle Storage Drive Enclosure DE3-24C, for after original system installation
19052793	1839NMQ810	Oracle Storage Drive Enclosure DE3-24C, for afteroriginal system installation
19052793	AK00429765	Exadata Database Machine X7-2: model family
6182129	AK00167487	Exadata Database Machine X4-2: model family
20235814	AK00582103	Exadata Database Machine X8-2 Upgrades: model family
20235814	AK00582096	Exadata Database Machine X8-2 Upgrades: model family
5823548	464970G+1606J91573	StorageTek T10000 tape drive: 1 T10000D 16 Gb FC for StorageTek SL8500
5823548	464970G+1606J91574	StorageTek T10000 tape drive: 1 T10000D 16 Gb FC for StorageTek SL8500
5823548	464970G+1606J91575	StorageTek T10000 tape drive: 1 T10000D 16 Gb FC for StorageTek SL8500
5823548	464970G+1606J91576	StorageTek T10000 tape drive: 1 T10000D 16 Gb FC for StorageTek SL8500
5823548	464970G+1606J91578	StorageTek T10000 tape drive: 1 T10000D 16 Gb FC for StorageTek SL8500
5823548	464970G+1606J91580	StorageTek T10000 tape drive: 1 T10000D 16 Gb FC for StorageTek SL8500
5823548	464970G+1606J91581	StorageTek T10000 tape drive: 1 T10000D 16 Gb FC for StorageTek SL8500

5823548	464970G+1606J91582	StorageTek T10000 tape drive: 1 T10000D 16 Gb FC for StorageTek SL8500
11862324	AK00375681	Exadata Database Machine X6-2 Upgrades: model family
11862324	1632NMT0DM	Oracle Storage Drive Enclosure DE2-24C: model family
11862324	AK00375670	Exadata Database Machine X6-8: model family
11862324	AK00375682	Exadata Database Machine X6-2: model family
20773814	2105XC80HB	Zero Data Loss Recovery Appliance X8 Storage Server upgrades: model family
20773814	2105NM3009	SPARC S7-2 server: model family
20773814	2105NM3008	SPARC S7-2 server: model family
20773814	AK00661533	ZFS RACK SYSTEM STORAGE, ZS7-2, MID-RANGE BASE ASSY, 14TB (FOR BULK PKGING)
20773814	2106NMS803	Oracle Storage Drive Enclosure DE3-24P, for field installation: model family
20773814	2105XC80KX	X8-2L,2U HIGH CAPACITY SERVER w/DPCM,CX5,ED X8M-2
20773814	2105XC80L2	X8-2L,2U HIGH CAPACITY SERVER w/DPCM,CX5,ED X8M-2
20773814	2108XL802T	Exadata Database Machine X8M-8 HC Half Rack
5823548	516000100362	SSYS ROBOTIZZATO SILOS SL8500
5823548	531000301682	UNITA CARTUCCE T10K FC
5823548	531000301680	UNITA CARTUCCE T10K FC
5823548	531000301229	UNITA CARTUCCE T10000A
5823548	531000301264	UNITA CARTUCCE T10000A
5823548	531000301230	UNITA CARTUCCE T10000A
5823548	531000301226	UNITA CARTUCCE T10000A
5823548	572000206873	UNITA CARTUCCE T10000-B
5823548	572000209583	UNITA CARTUCCE T10000-B
5823548	572000209601	UNITA CARTUCCE T10000-B
5823548	572000206858	UNITA CARTUCCE T10000-B
5823548	572000209597	UNITA CARTUCCE T10000-B
5823548	572000209602	UNITA CARTUCCE T10000-B
5823548	572000206874	UNITA CARTUCCE T10000-B
5823548	572000209609	UNITA CARTUCCE T10000-B
5823548	572000209595	UNITA CARTUCCE T10000-B
5823548	572000206862	UNITA CARTUCCE T10000-B
5823548	572000206871	UNITA CARTUCCE T10000-B
5823548	572000209608	UNITA CARTUCCE T10000-B
5823548	572000209582	UNITA CARTUCCE T10000-B
5823548	572000209594	UNITA CARTUCCE T10000-B

5823548	572000209607	UNITA CARTUCCE T10000-B
5823548	572000206860	UNITA CARTUCCE T10000-B
5823548	572000209577	UNITA CARTUCCE T10000-B
5823548	572000206859	UNITA CARTUCCE T10000-B
5823548	572000209596	UNITA CARTUCCE T10000-B
5823548	572000206872	UNITA CARTUCCE T10000-B
5823548	572000209600	UNITA CARTUCCE T10000-B
5823548	572000209575	UNITA CARTUCCE T10000-B
5823548	572000209605	UNITA CARTUCCE T10000-B
5823548	572000209574	UNITA CARTUCCE T10000-B
5823548	572000209603	UNITA CARTUCCE T10000-B
5823548	572000209604	UNITA CARTUCCE T10000-B
5823548	572000209598	UNITA CARTUCCE T10000-B
5823548	572000206870	UNITA CARTUCCE T10000-B
5823548	572000206864	UNITA CARTUCCE T10000-B
5823548	572000209599	UNITA CARTUCCE T10000-B
5303734	AK00031073	Exadata System ATO Model
5485782	2343VLY-1347RU0001	Sun Rack II 1042/1042E
6165670	1346NM202D	Oracle ZFS Storage ZS3-2: model family
6165670	1346NM202C	Oracle ZFS Storage ZS3-2: model family
6165670	1346NMT07J	Oracle Storage Drive Enclosure DE2-24C: model family
6165670	1346NMT07H	Oracle Storage Drive Enclosure DE2-24C: model family
6165670	1347NM501E	Sun Server X3-2L: model family
6467535	Memory Expansion	Memory Expansion Kit - Eight 32 GB DIMMs
6467535	Exadata Server Upgrade_1	Exadata Database Machine X5-2 Eighth Rack to Quarter Rack Storage Server Upgrade
6467535	Exadata Server Upgrade_2	Exadata Database Machine X5-2 Eighth Rack to Quarter Rack Database Server Upgrade
6469795	1502NM500C	Sun Server X4-2L: model family
6469795	2343VLY-1502RS0007	Sun Rack II 1242/1242E
6469795	1504NMJ00N	Oracle ZFS Storage ZS3-4: model family
6469795	1504NMJ00M	Oracle ZFS Storage ZS3-4: model family
6469795	1453NMT06W	Oracle Storage Drive Enclosure DE2-24C: model family
6469795	1453NMT06X	Oracle Storage Drive Enclosure DE2-24C: model family
6469795	1453NMT06Y	Oracle Storage Drive Enclosure DE2-24C: model family
6469795	1453NMT070	Oracle Storage Drive Enclosure DE2-24C: model family

6469795	AK00271818	Exadata Database Machine X5-2: model family
6469795	AK00271819	Exadata Database Machine X5-2: model family
13029554		Oracle ZFS Storage Appliance Replication - Integrated Software Option
13029554		Oracle ZFS Storage Appliance Cloning - Integrated Software Option
13029554		Oracle ZFS Storage Appliance Replication - Integrated Software Option
13029554	AK00380489	Exadata Database Machine X6-2: model family
13029554	1639NMT01F	Oracle Storage Drive Enclosure DE2-24C: model family
13029554	1639NMT01G	Oracle Storage Drive Enclosure DE2-24C: model family
13029554	1639NMT01H	Oracle Storage Drive Enclosure DE2-24C: model family
13029554	1631NM10BC	ASSY, ORACLE ADVANCED SUPPORT GATEWAY 1U SERVER (X6-2)
13029554	AK00381447	Oracle Switch ES2-72: model family
13029554	AK00381448	Oracle Switch ES2-72: model family
13029554	AK00381446	ASSY,IB-SW,NM2-36P MANAGED,W/NEW KONTRON
13029554	AK00381445	ASSY,IB-SW,NM2-36P MANAGED,W/NEW KONTRON
A1	2130XC803M	Finanze - Monopoli - 1x Exadata X8M-2 EF con 6 DB w/1.5TB, 9 cells EF e 16 transceivers)
A2	2312XC805W	Finanze - Monopoli – 1 x Exadata X8M-2 EF con 4 DB w/1.5TB, 6 cells EF e 16 transceivers)
A3	AK00787649	Finanze - Backup Monopoli - 1x ZS7-2 Mid-Range - Racked w/switches con 2x DE3-24C (20x14TB +2WR+2RZ) +1x DE3-24C (24x 14TB)
A4	2224XCA008	Finanze - Backup Monopoli - Oracle Server X8-2L
A4	2224XCA009	Finanze - Backup Monopoli - Oracle Server X8-2L
A5	2130XC803R	Finanze - DR Monopoli - 1x Exadata X8M-2 Elastic config con 4 DB e 6 Celle HC
A6	2130XL0003	Finanze - Campus: Oracle Database Appliance X8-2- HA, TAA
A7	2130XC803F	Finanze - Campus: 1x Exadata X8M-2 HC con 6 DB w/1.5TB, 11 cells HC e 24 transceivers)
A8	2314XC803J	Finanze - Campus: 1 x Exadata X8M-2 HC con 6 DB w/1.5TB, 11 cells HC e 24 transceivers
A9	2314XL802N	Finanze - Campus – 1 x Exadata X8M-8 con 2 DB w/3TB, 5 cells HC e 12 transceivers
A10	AK00787650	Finanze - Backup Campus: 1x ZS7-2 Racked MR w/switches con 4x DE3-24C ciascun con 20x14TB +2RZ+2WZ) + 4x DE3-24C (24x 14TB)
A11	2224XCA006	Finanze - Backup Campus: Oracle Server X8-2L
A11	2224XCA007	Finanze - Backup Campus: Oracle Server X8-2L
A12	2130XC803W	Finanze - DR Campus: 1x Exadata X8M-2 Elastic config con 6 DB e 13 Celle HC
A13	2319XC802D	Finanze - Campus/Dogane: DR - 1x Exadata X8M-2 Elastic config con 6 DB & 13 Celle HC + 24 transceivers
A14	Finanze - Campus: Memory upgrade Per il sistema Exadata X7-2 matricola AK00424456	Finanze - Campus: Memory upgrade Per il sistema Exadata X7-2 matricola AK00424456

A15	Finanze - Campus: : Memory upgrade per il sistema Exadata X6-2 matricola AK00375682	Finanze - Campus: : Memory upgrade per il sistema Exadata X6-2 matricola AK00375682
A16	Finanze - Campus - Dual port 10GE optical connectivity e transceiver per il sistema Exadata X6-2 matricola AK00375682	Finanze - Campus - Dual port 10GE optical connectivity e transceiver per il sistema Exadata X6-2 matricola AK00375682
A17	Finanze - Campus – 3 x Storage Cell X8-2 HC per upgrade Exadata Storage Expansion X7-2 matricola AK00429765	Finanze - Campus – 3 x Storage Cell X8-2 HC per upgrade Exadata Storage Expansion X7-2 matricola AK00429765
A18	2130NMQ80L	Finanze - Campus - Oracle Storage Drive Enclosure DE3-24C per il sistema Oracle ZFS Storage ZS5-2 matricola 1819NMB01M e 1819NMB01N
A18	2130NMQ80K	Finanze - Campus - Oracle Storage Drive Enclosure DE3-24C per il sistema Oracle ZFS Storage ZS5-2 matricola 1819NMB01M e 1819NMB01N
A19	2009NNXD1Y	Finanze - Campus – 1 x Exadata Database Machine Expansion Switch Kit per il sistema Exadata X4-2 matricola AK00167487
A20		Finanze - Campus – refresh Tape Library – LTO8 media
A21	016951G+21498D0463	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0452	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0450	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0470	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0441	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0478	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0447	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0464	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0458	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0457	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0448	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0472	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0460	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0454	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0451	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0465	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0462	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0469	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0445	Finanze - Campus – refresh Tape Library – Tape Drives

	016951G+21498D0480	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0459	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0471	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0443	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0466	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0453	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0476	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0444	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0473	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0475	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0468	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0456	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0455	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0479	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0477	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0449	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0467	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0446	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21488D0442	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0474	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0461	Finanze - Campus – refresh Tape Library – Tape Drives
	016951G+21498D0461	Finanze - Campus – refresh Tape Library – Tape Drives
A22	464970G+2148BU0109	Finanze - Campus – refresh Tape Library - StorageTek SL4000 modular library system
A23	2130XC8039	Economia - Refresh Exadata X2-2: 1x Exadata X8M-2 QR HC
A24	2312XC805R	Economia - 1 x Exadata X8M-2 Elastic config con 6 DBE 9 Celle HC
A25	2314XC800N	Economia - upgrade Exadata X8M-2 Quarter Rack oggetto di fornitura iniziale con 4 DB
	2224XCB073	
	2224XCB06J	
	2224XCB066	
	2224XCB06C	
A26	2312XC806K	Economia - upgrade Exadata X8M-2 Quarter Rack oggetto di fornitura iniziale con 6 cells
	2224XCA060	
	2224XCA04D	
	2224XCA048	
	2224XCA04H	

	2224XCA055	
	2224XCA05A	
A27	AK00787648	Backup Economia - 1 x ZS7-2 Racked MR w/switches con 4x DE3-24C ciascun con 20x14TB +2RZ+2WZ) + 2x DE3-24C (24x 14TB)
A28	2224XCA00A	Backup Economia: Oracle Server X8-2L
	2224XCA00B	Backup Economia: Oracle Server X8-2L
A29	2319XC802G	DR Economia – 1 x Exadata X8M-2 Elastic config con 4 DB e 12 Celle HC
	2311XL805E	Exadata Database Machine X9M-8 High Capacity (HC) Half Rack
	2309XL801D	Exadata Database Machine X9M-8 Storage Server upgrades
	2309NMQ81U	Oracle Storage Drive Enclosure DE3-24C
	2309NMQ81V	Oracle Storage Drive Enclosure DE3-24C
	2309NMQ81W	Oracle Storage Drive Enclosure DE3-24C
	2309NMQ81T	Oracle Storage Drive Enclosure DE3-24C

Servizi ACS - Modulo "BCA for Systems"	CODICE / Part Number
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