

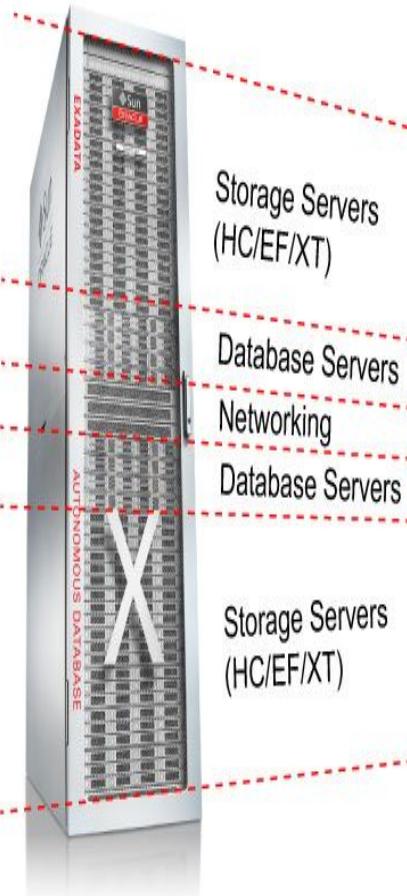
Exadata CAIXA 2021 5051

Glossário

Termos utilizados no ambiente

- DB - Banco de Dados
- V.M. Máquina Virtual
- ZDLRA - Zero Data Loss Recovery Appliance
- Server Node - Servidor físico que administra as VMs
- Storage Node - Servidor físico que administra os discos
- O. S. - Sistema Operacional
- OVM - Oracle Virtual Machine
- PRD - Produção
- NRPD - Não produção
- ILOM - Integrated Lights Out Manager

Aquisição



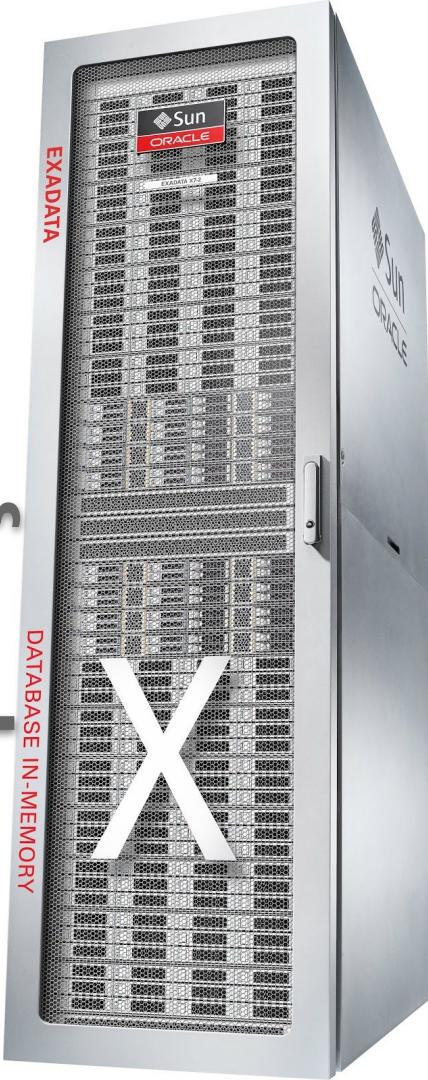
Equipamento adquirido:

Oracle Server X8-2

- 3 Exadatas
 - 2 full
 - 1 half
- 3 ZDLRA
- 2 Platinum

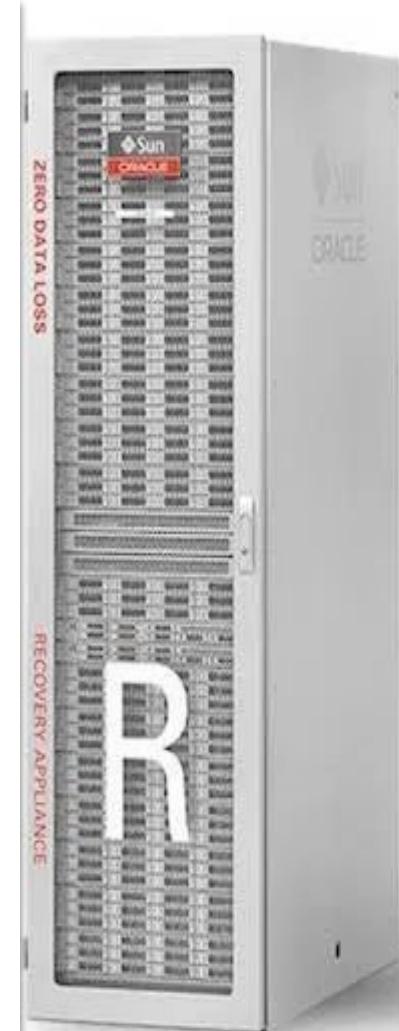


Aquisição



Cada equipamento possui:

- Exadata full
 - 10 Server Node
 - 11 Storage Node
- ZDLRA full
 - 2 Server Node
 - 12 Storage Node
- Exadata half
 - 5 Server Node
 - 4 Storage Node
- ZDLRA half
 - 2 Server Node
 - 4 Storage Node
- Switches
 - 2 Infiniband
 - 1 Ethernet SW Gerência



Ambientes

CTC - PRD

Oracle Server X8-2

- Exadata full
 - 10 Server Node
 - 11 Server Storage
- ZDLRA
 - 2 Server Node
 - 12 Server Storage
- Exadata full
 - 2 Infiniband
 - 1 Ethernet SW

DTC - PRD

Oracle Server X8-2

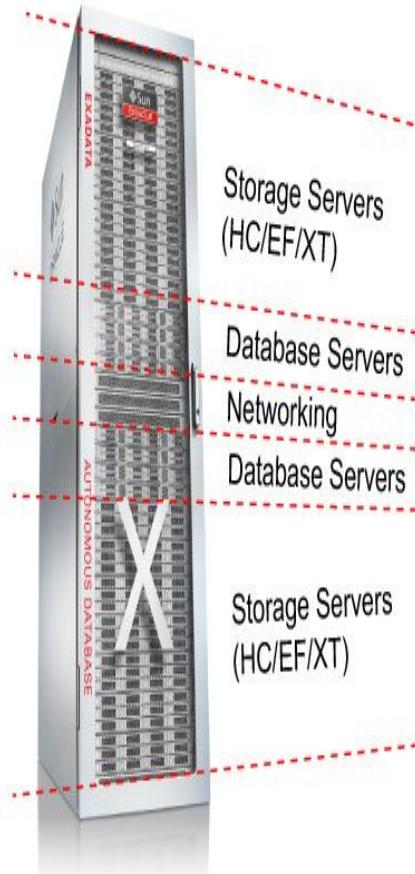
- Exadata full
 - 10 Server Node
 - 11 Server Storage
- ZDLRA
 - 2 Server Node
 - 12 Server Storage
- Exadata full
 - 2 Infiniband
 - 1 Ethernet SW

CTC - Nprd

Oracle Server X8-2

- Exadata half
 - 5 Server Node
 - 4 Server Storage
- ZDLRA
 - 2 Server Node
 - 4 Server Storage
- Exadata full
 - 2 Infiniband
 - 1 Ethernet SW

Infra-estrutura

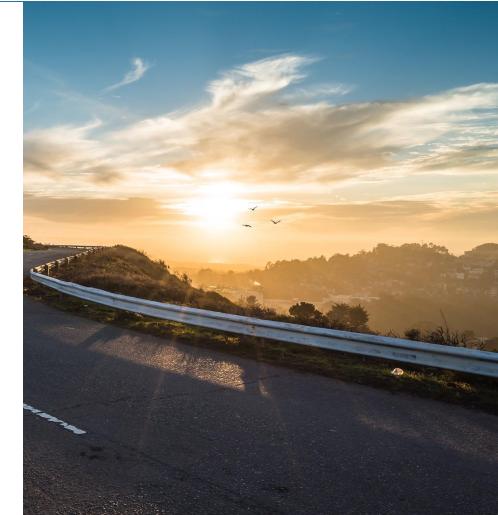


O Exadata está conectado à CAIXA por três redes:

- Gerencia
- PCN
- Backup

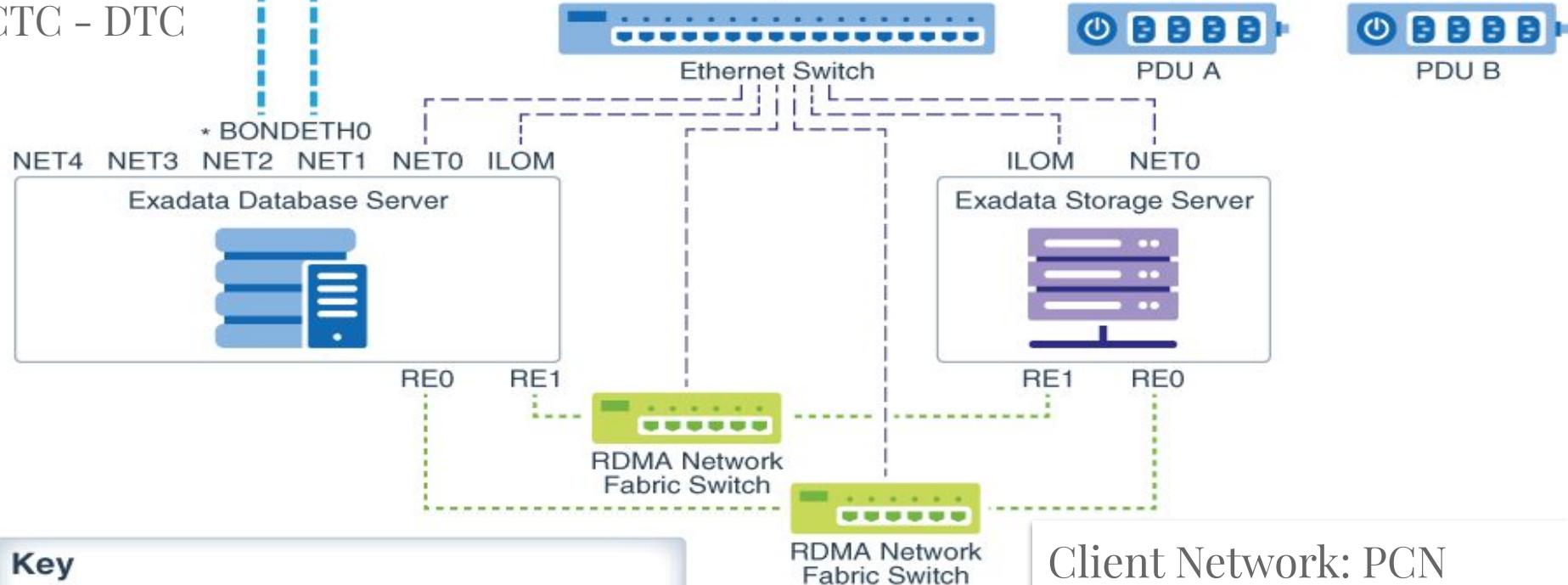
O Exadata Nprd está conectado à por outras redes:

- Gerência
- TQS/HM/DES
- Backup



Exadata Networks at a Glance

CTC - DTC



Key

Management Network

Client Network

RDMA Network Fabric based on RoCE

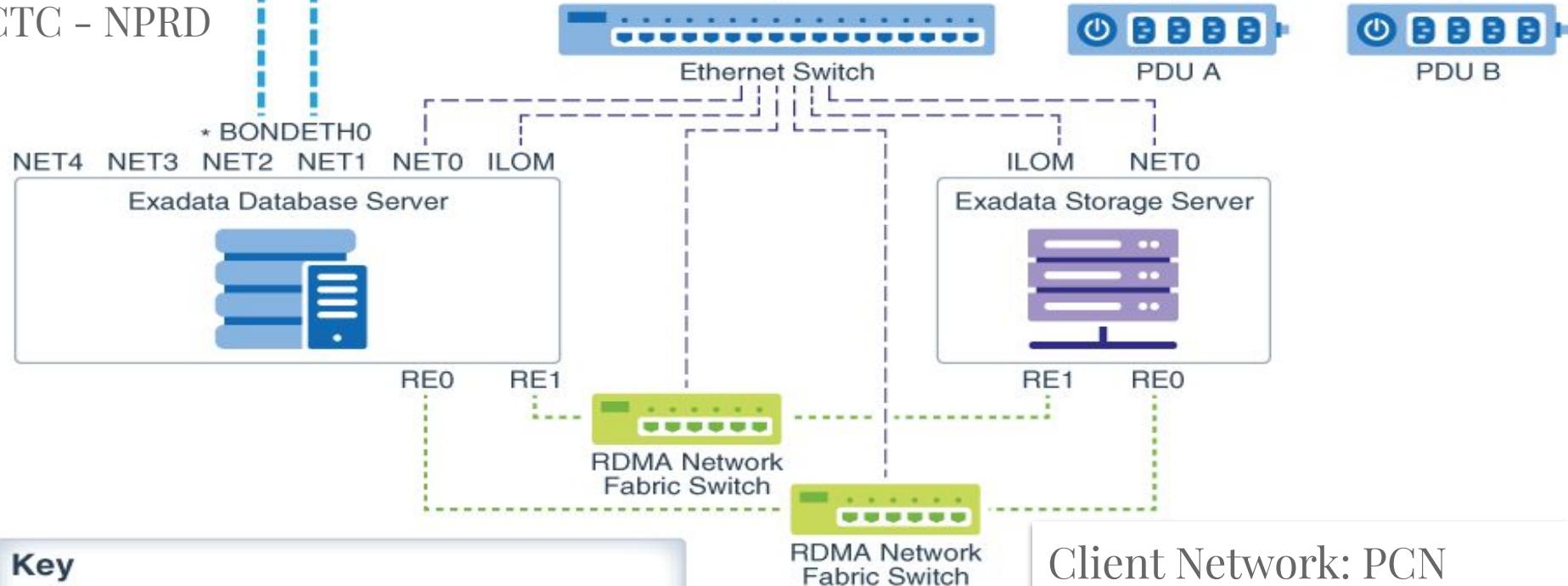
* BONDETH0 can be either copper or optical links

Client Network: PCN

- Gerência
- PCN
- Backup

Exadata Networks at a Glance

CTC - NPRD



Key

----- Management Network

----- Client Network

----- RDMA Network Fabric based on RoCE

* BONDETH0 can be either copper or optical links

Client Network: PCN

- Gerência
- TQS/HM/DES
- Backup

IP e Hostname



Instalação - CTC

Oracle Server Node

- cadexdaddbadmo1
- cadexdaddbadmo2
- cadexdaddbadmo3
- Cadexdaddbadmo4
- Cadexdaddbadmo5
- Cadexdaddbadmo6
- Cadexdaddbadmo7
- Cadexdaddbadmo8
- Cadexdaddbadmo9
- cadexdaddbadmo10

Oracle Storage Node

- cadexdadceladmo1
- cadexdadceladmo2
- cadexdadceladmo3
- cadexdadceladmo4
- cadexdadceladmo5
- cadexdadceladmo6
- cadexdadceladmo7
- cadexdadceladmo8
- cadexdadceladmo9
- cadexdadceladm10
- cadexdadceladm11

Oracle Server Node

- cadexdaddbadmo1-vm01
- cadexdaddbadmo2-vm01
- cadexdaddbadmo3-vm01
- cadexdaddbadmo4-vm01
- cadexdaddbadmo5-vm01
- cdexdaddbadmo6-vm01
- cadexdaddbadmo7-vm01
- cadexdaddbadmo8-vm01
- cadexdaddbadmo9-vm01
- cadexdaddbadmo10-vm01

Instalação - CTC

Oracle Server Node IP

- 10.122.73.1
- 10.122.73.2
- 10.122.73.3
- 10.122.73.4
- 10.122.73.5
- 10.122.73.6
- 10.122.73.7
- 10.122.73.8
- 10.122.73.9
- 10.122.73.10

Oracle Storage Node IP

- 10.122.73.11
- 10.122.73.12
- 10.122.73.13
- 10.122.73.14
- 10.122.73.15
- 10.122.73.16
- 10.122.73.17
- 10.122.73.18
- 10.122.73.19
- 10.122.73.20
- 10.122.73.21

Oracle Server Node IP PCN

- 10.122.73.81
- 10.122.73.82
- 10.122.73.83
- 10.122.73.84
- 10.122.73.85
- 10.122.73.86
- 10.122.73.87
- 10.122.73.88
- 10.122.73.89
- 10.122.73.90

Instalação - ZDL

Oracle Server Node

- cadzddaddbadmo1
- cadzddaddbadmo2

Oracle Storage Node

- cadzddadceladmo1
- cadzddadceladmo2
- cadzddadceladmo3
- cadzddadceladmo4
- cadzddadceladmo5
- cadzddadceladmo6
- cadzddadceladmo7
- cadzddadceladmo8
- cadzddadceladmo9
- cadzddadceladm10
- cadzddadceladm11
- cadzddadceladm12

Instalação - ZDL

Oracle Server Node IP

- 10.122.73.48
- 10.122.73.49

Oracle Storage Node IP

- 10.122.73.50
- 10.122.73.51
- 10.122.73.52
- 10.122.73.53
- 10.122.73.54
- 10.122.73.55
- 10.122.73.56
- 10.122.73.57
- 10.122.73.58
- 10.122.73.59
- 10.122.73.60
- 10.122.73.61

Instalação - DTC

Oracle Server Node

- dadexdaddbadmo1
- dadexdaddbadmo2
- dadexdaddbadmo3
- dadexdaddbadmo4
- dadexdaddbadmo5
- dadexdaddbadmo6
- dadexdaddbadmo7
- dadexdaddbadmo8
- dadexdaddbadmo9
- dadexdaddbadmo10

Oracle Storage Node

- dadexdadceladmo1
- dadexdadceladmo2
- dadexdadceladmo3
- dadexdadceladmo4
- dadexdadceladmo5
- dadexdadceladmo6
- dadexdadceladmo7
- dadexdadceladmo8
- dadexdadceladmo9
- dadexdadceladm10
- dadexdadceladm11

Oracle Server Node

- dadexdaddbadmo1-vmo1
 - dadexdaddbadmo2-vmo1
 - dadexdaddbadmo3-vmo1
 - dadexdaddbadmo4-vmo1
 - dadexdaddbadmo5-vmo1
 - dadexdaddbadmo6-vmo1
 - dadexdaddbadmo7-vmo1
 - dadexdaddbadmo8-vmo1
 - dadexdaddbadmo9-vmo1
 - dadexdaddbadmo10-vmo1
- 1

Instalação - DTC

Oracle Server Node IP

- 10.222.73.1
- 10.222.73.2
- 10.222.73.3
- 10.222.73.4
- 10.222.73.5
- 10.222.73.6
- 10.222.73.7
- 10.222.73.8
- 10.222.73.9
- 10.222.73.10

Oracle Storage Node IP

- 10.222.73.11
- 10.222.73.12
- 10.222.73.13
- 10.222.73.14
- 10.222.73.15
- 10.222.73.16
- 10.222.73.17
- 10.222.73.18
- 10.222.73.19
- 10.222.73.20
- 10.222.73.21

Oracle Server Node IP GER

- 10.222.73.81
- 10.222.73.82
- 10.222.73.83
- 10.222.73.84
- 10.222.73.85
- 10.222.73.86
- 10.222.73.87
- 10.222.73.88
- 10.222.73.89
- 10.222.73.90

Instalação - ZDL

Oracle Server Node

- dadzddaddbadmo1
- dadzddaddbadmo2

Oracle Storage Node

- dadzddadceladmo1
- dadzddadceladmo2
- dadzddadceladmo3
- dadzddadceladmo4
- dadzddadceladmo5
- dadzddadceladmo6
- dadzddadceladmo7
- dadzddadceladmo8
- dadzddadceladmo9
- dadzddadceladm10
- dadzddadceladm11
- dadzddadceladm12

Instalação - ZDL

Oracle Server Node IP

- 10.222.73.48
- 10.222.73.49

Oracle Storage Node IP

- 10.222.73.50
- 10.222.73.51
- 10.222.73.52
- 10.222.73.53
- 10.222.73.54
- 10.222.73.55
- 10.222.73.56
- 10.222.73.57
- 10.222.73.58
- 10.222.73.59
- 10.222.73.60
- 10.222.73.61

Instalação - NRPD

Oracle Server Node

- cnpexdaddbadmo1
- cadexdaddbadmo2
- cadexdaddbadmo3
- cadexdaddbadmo4
- cadexdaddbadmo5

Oracle Storage Node

- cnpexdadceladmo1
- cnpexdadceladmo2
- cnpexdadceladmo3
- cnpexdadceladmo4

Oracle Server Node

- cnpexdaddbadmo1-vm01
- cnpexdaddbadmo2-vm01
- cnpexdaddbadmo3-vm01
- cnpexdaddbadmo4-vm01
- Cnpexdaddbadmo5-vm01
- cnpexdaddbadmo1-vm02
- cnpexdaddbadmo2-vm02
- cnpexdaddbadmo3-vm02
- cnpexdaddbadmo4-vm02
- cnpexdaddbadmo5-vm02
- cnpexdaddbadmo1-vm03
- cnpexdaddbadmo2-vm03
- cnpexdaddbadmo3-vm03
- cnpexdaddbadmo4-vm03
- cnpexdaddbadmo5-vm03

Instalação - Nprd

Oracle Server Node IP

- 10.116.65.1
- 10.116.65.2
- 10.116.65.3
- 10.116.65.4
- 10.116.65.5

Oracle Storage Node IP

- 10.116.65.6
- 10.116.65.7
- 10.116.65.8
- 10.116.65.9

Oracle Server Node IP GER

- 10.116.65.41
- 10.116.65.42
- 10.116.65.43
- 10.116.65.44
- 10.116.65.45
- 10.116.65.46
- 10.116.65.47
- 10.116.65.48
- 10.116.65.49
- 10.116.65.50
- 10.116.65.51
- 10.116.65.52
- 10.116.65.53
- 10.116.65.54
- 10.116.65.55

Instalação - ZDL

Oracle Server Node

- cnpzddaddbadmo1
- cnpzddaddbadmo2

Oracle Storage Node

- cnpzddadceladmo1
- cnpzddadceladmo2
- cnpzddadceladmo3
- cnpzddadceladmo4

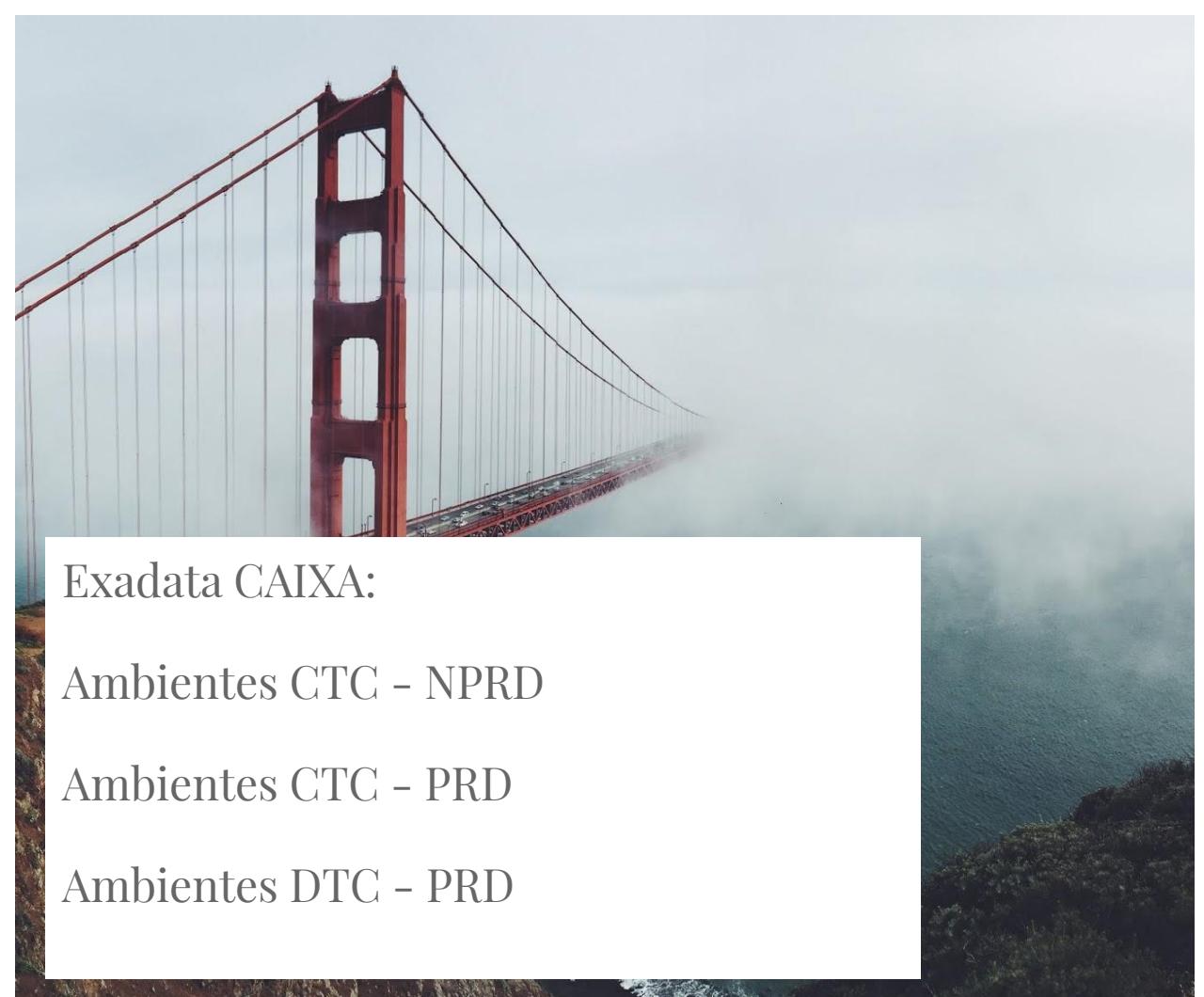
Instalação - ZDL

Oracle Server Node IP

- 10.116.65.24
- 10.116.65.25

Oracle Storage Node IP

- 10.116.65.26
- 10.116.65.27
- 10.116.65.28
- 10.116.65.29



Exadata CAIXA:

Ambientes CTC - Nprd

Ambientes CTC - Prd

Ambientes DTC - Prd

