



**brenner****com**

AN INNOVATIVE HIGH-TECH  
COMPANY IN THE ICT  
INDUSTRY

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On staff since 2001



ICT Consulting Team



IT Solution Architect

# BRENNERCOM

BRENNERCOM PLAYS A BRIDGING ROLE  
BETWEEN NORTHERN ITALY AND THE GERMAN-SPEAKING WORLD



FOUNDED IN 1998



200 EMPLOYEES



REVENUE 2014: 41.9 MILLION  
EUROS



7 BRANCHES IN ITALY, 1 IN  
AUSTRIA, 1 IN GERMANY



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FOCUSED ON ENTERPRISES, SERVICE PROVIDERS  
AND THE PUBLIC SECTOR,  
BRENNERCOM OFFERS A BROAD AND INNOVATIVE  
RANGE OF SERVICES:  
IT, NETWORK, COMMUNICATION AND CLOUD  
COMPUTING



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SERVICES ARE BASED ON A PROPRIETARY  
FIBRE OPTIC NETWORK IN CONTINUOUS EXPANSION

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CONSTANT DEVELOPMENT OF TECHNOLOGY  
INFRASTRUCTURE  
3 INTELLIGENT DATA



# BRENNERCOM GROUP

## brenner△com Deutschland

ICT PROVIDER IN GERMANY

## brenner△com Tirol

ICT PROVIDER AND CONSULTING SERVICE IN AUSTRIA,  
DATA CENTER IN INNSBRUCK



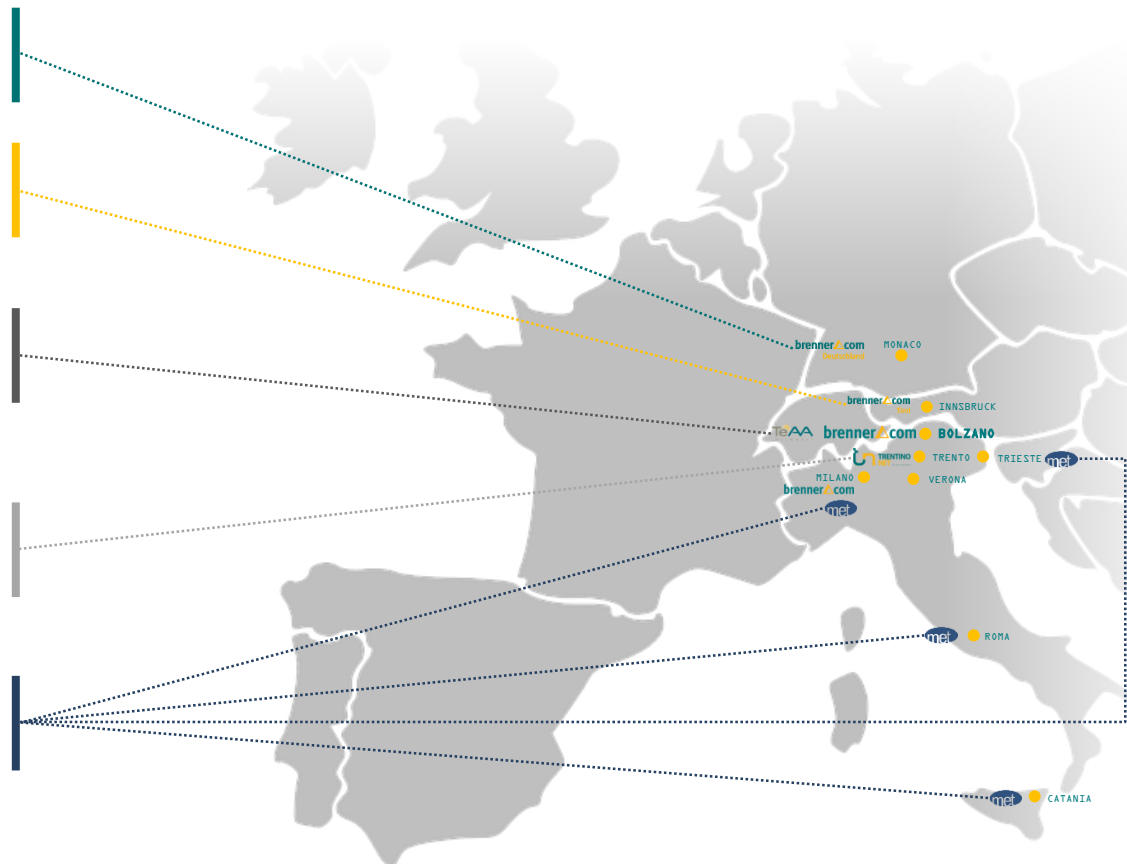
PROVIDER OF COMMUNICATIONS TECHNOLOGY SOLUTIONS FOR THE HOSPITALITY INDUSTRY; SPECIALIZED IN PLANNING AND REALISING FIBRE OPTIC NETWORKS



PROVIDER OF COMMUNICATIONS TECHNOLOGIES AND CONSULTING SERVICE



COMPANY SPECIALIZED IN PLANNING, REALISING AND MAINTAINING OPTICAL FIBRE NETWORKS



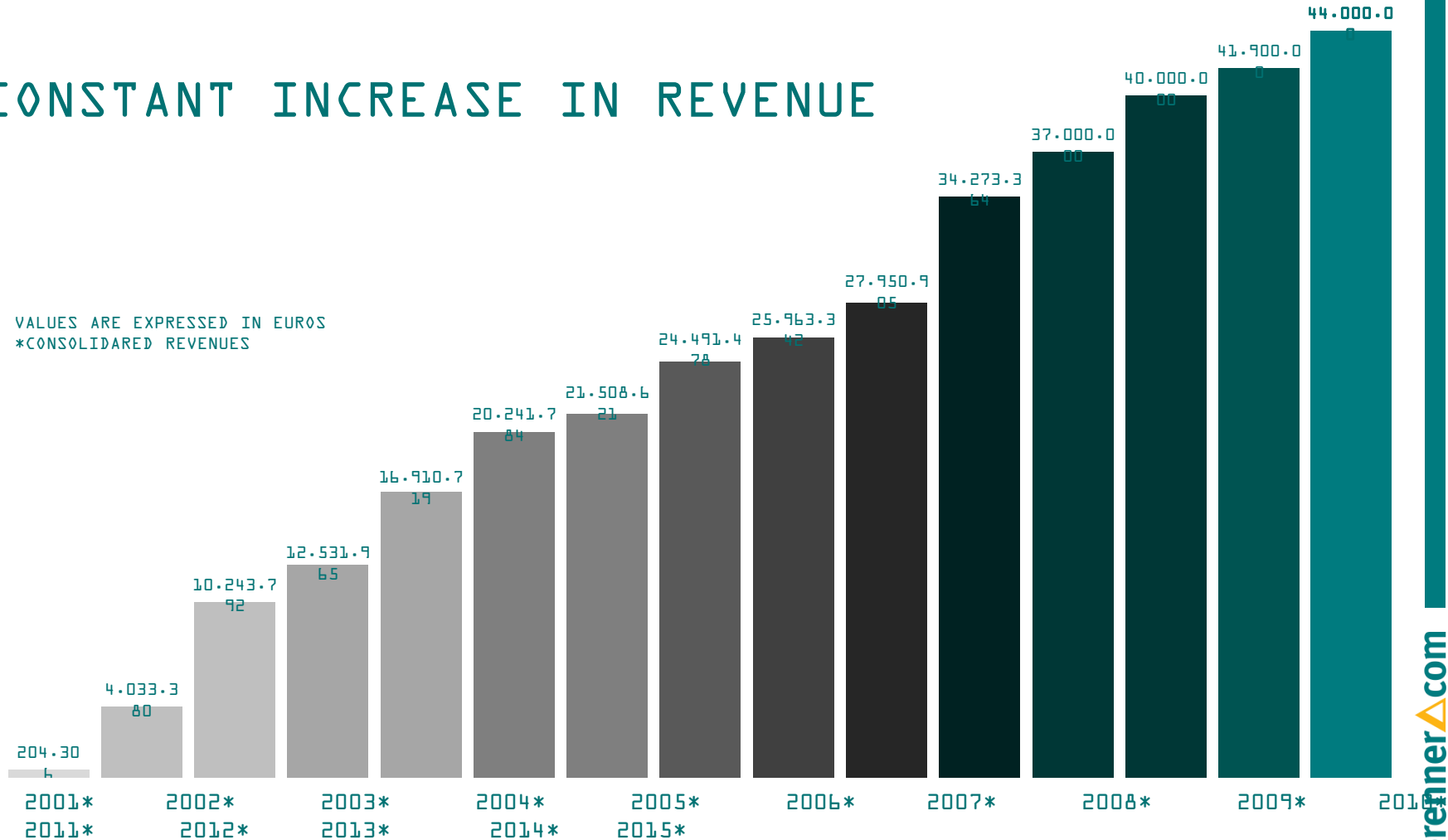


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# CONSTANT INCREASE IN REVENUE

VALUES ARE EXPRESSED IN EUROS  
\*CONSOLIDATED REVENUES





TLC



ICT



**COMPETENCES:**

- CUSTOMISED CLOUD COMPUTING SOLUTIONS (IaaS, STaaS, DCaaS, BaaS, DRaaS, SaaS)
- SECURITY SERVICES
- INTEGRATED COMMUNICATION SYSTEMS
- SERVER FARM SOLUTIONS
- BROADBAND AND ULTRABROADBAND INTERNET ACCESS
- VIRTUAL PRIVATE NETWORKS
- LANDLINES

# CERTIFICATIONS



Information security management systems since 2003



Highest ratings in security management of the infrastructures in data centres since 2013



100% energy from renewable sources since 2012



Quality management system since 2002

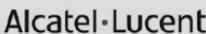


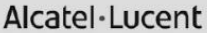

















Best possible bank rating since 2011



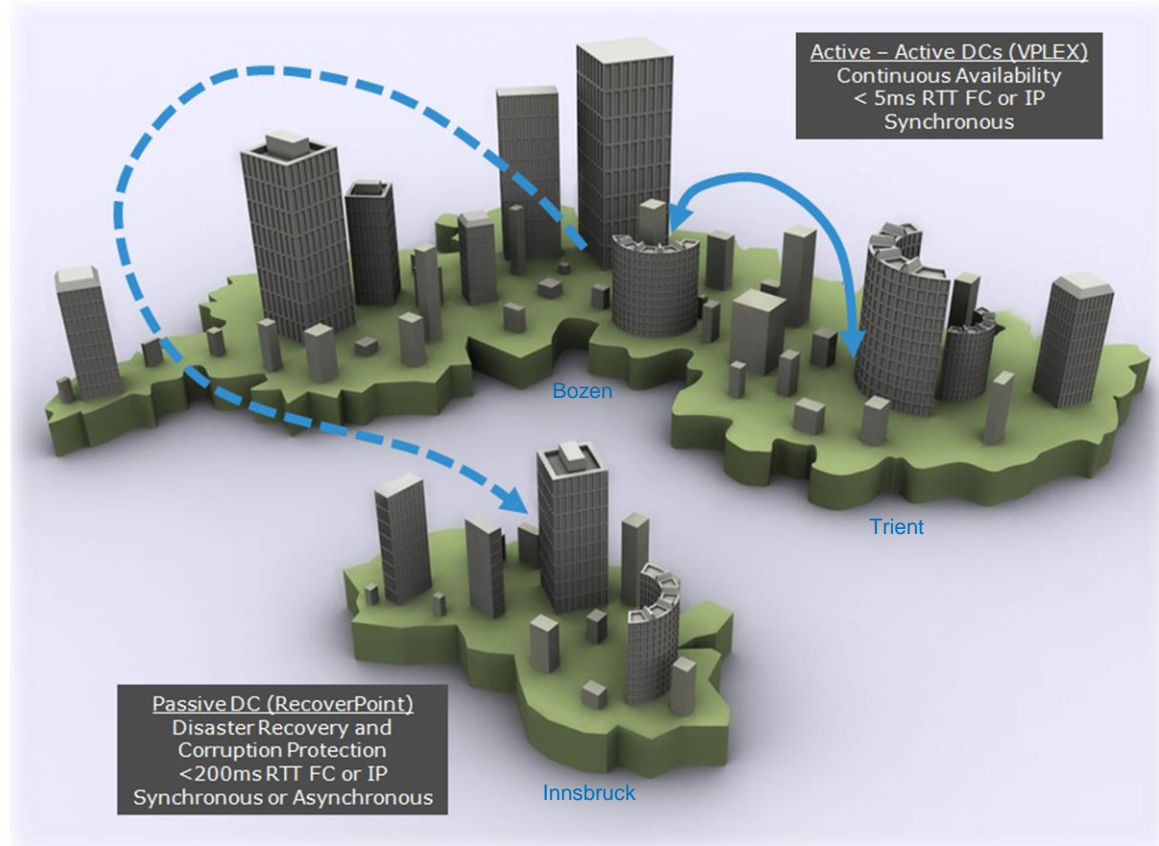
Certified Cisco partner Since 2013

# OUR PARTNERS

  	VOICE
  	NETWORK
 	SECURITY
   	DATA CENTER
    	CLOUD
   	ERP/OSS

# DC Services Architektur

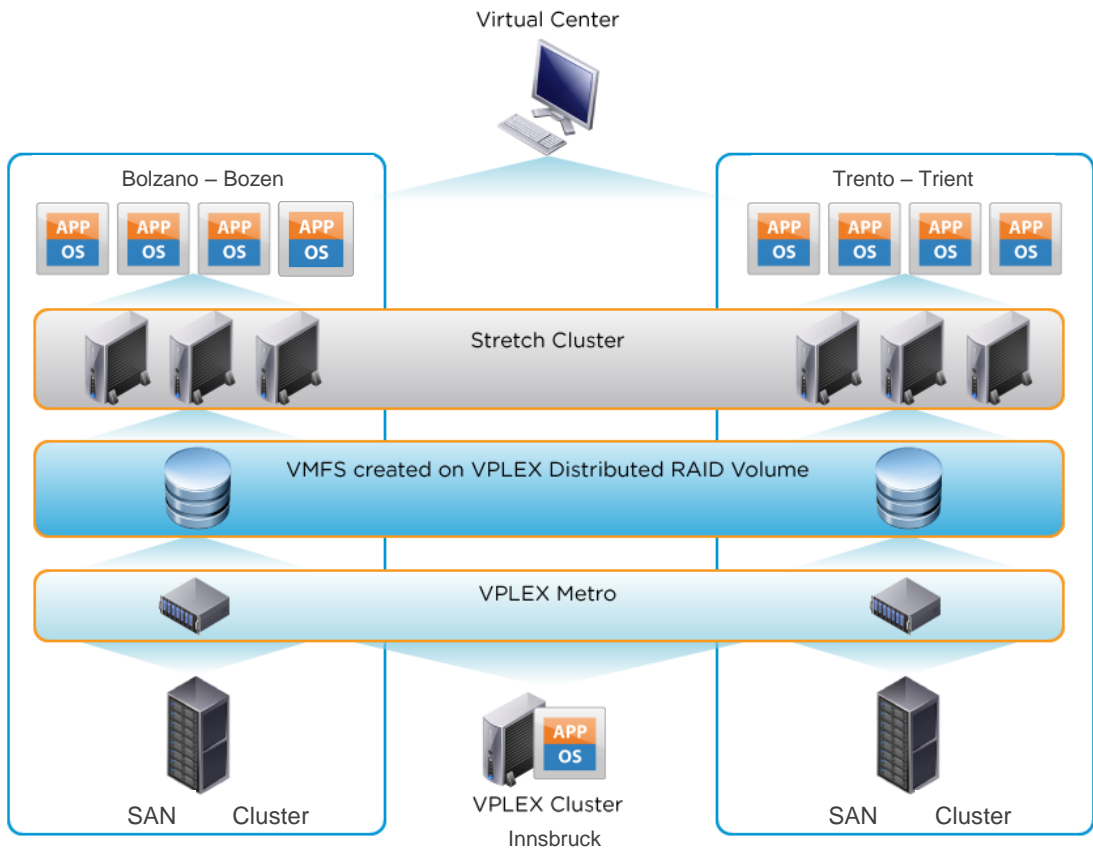
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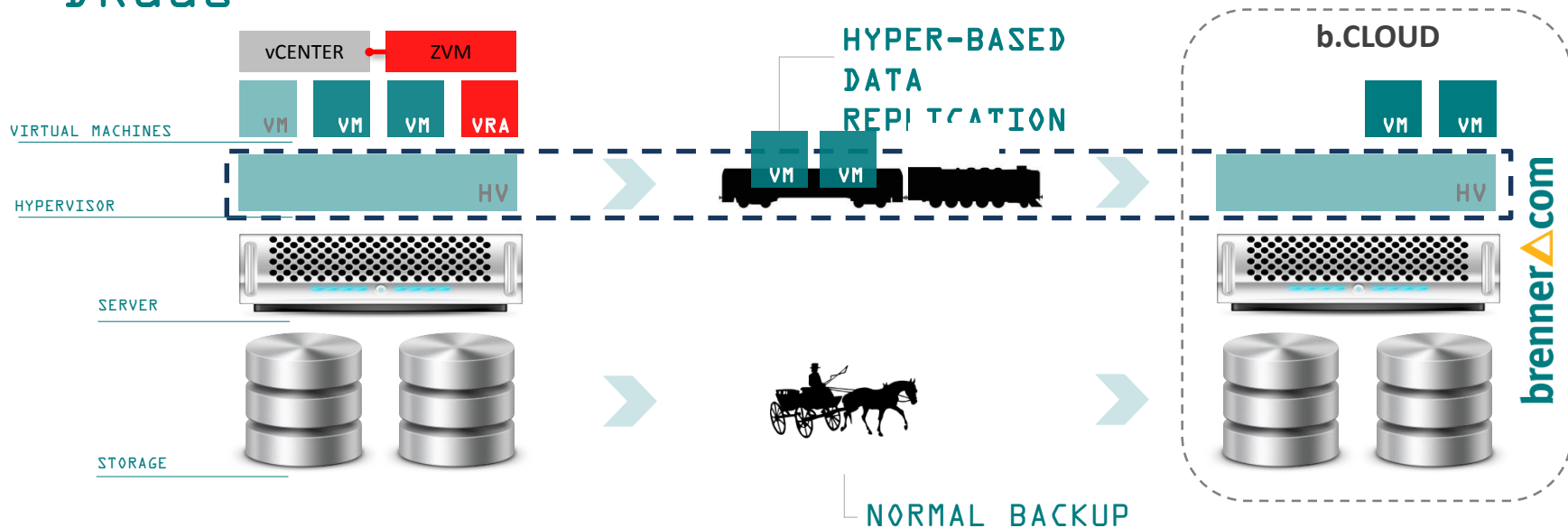
# DC Services

Business

Continuity



# DRaaS

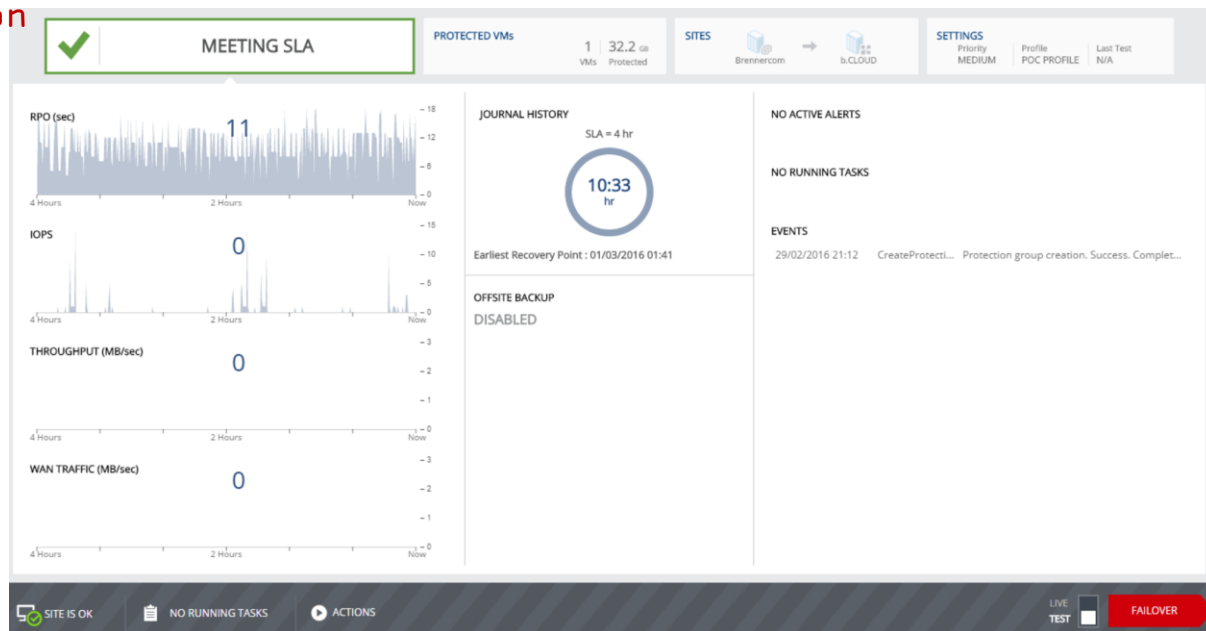


1. **GRANULARITY:** Replication at VM level or group of VMs;
2. **FLEXIBILITY:** Storage agnostic solution;
3. **SCALABILITY:** The solution grows with your Infrastructure

# DRaaS

## Customer Interaction

- vCenter Plugin
- vCloud Director
- Self Service Portal



# Cloud Monitoring

Neteye

182 Hosts







953 Services





# Cloud Monitoring

## Cisco UCS

ucs-ib_chassis_1	 Check Chassis - chassis-1	OK	Overall Health Status:OK - sys/chassis-1 -OK - partNumber : 68-4777-02,serial : FOX1722H6YE
	Check PSU - chassis-1	OK	sys/chassis-1/psu-4:OK - Model : UCSB-PSU-2500ACPL,Power Status : on,Serial : AZS17170FQY sys/chassis-1/psu-1:OK - Model : UCSB-PSU-2500ACPL,Power Status : on,Serial : AZS17170FN5 sys/chassis-1/psu-3:OK - Model : UCSB-PSU-2500ACPL,Power Status : on,Serial : AZS17170FMJ sys/chassis-1/psu-2:OK - Model : UCSB-PSU-2500ACPL,Power Status : on,Serial : AZS17170FMT
ucs-ib_chassis_2	 Check Chassis - chassis-2	OK	Overall Health Status:OK - sys/chassis-2 -OK - partNumber : 68-5091-04,serial : FOX1846GMFA
	Check PSU - chassis-2	OK	sys/chassis-2/psu-4:OK - Model : UCSB-PSU-2500ACDV,Power Status : on,Serial : DTM183302AB sys/chassis-2/psu-2:OK - Model : UCSB-PSU-2500ACDV,Power Status : on,Serial : DTM183302EF sys/chassis-2/psu-3:OK - Model : UCSB-PSU-2500ACDV,Power Status : on,Serial : DTM183302C6 sys/chassis-2/psu-1:OK - Model : UCSB-PSU-2500ACDV,Power Status : on,Serial : DTM18330264
ucs-ib_fi_A	 Check FI - switch-A	OK	Overall Health Status:OK - sys/switch-A -OK - serial : SSI171402LN,Gateway IP : 192.168.215.1,IP : 192.168.215.21,Subnet Mask : 255.255.255.0
ucs-ib_fi_B	 Check FI - switch-B	OK	Overall Health Status:OK - sys/switch-B -OK - serial : SSI171402GK,Gateway IP : 192.168.215.1,IP : 192.168.215.21,Subnet Mask : 255.255.255.0

# Cloud Monitoring

## vmWare ESX

bcloud-esx06-tn	PING	OK
	check_esx_api_host-baloon	OK
	check_esx_api_host-cpu	OK
	check_esx_api_host-health	OK
	check_esx_api_host-mem	OK
	check_esx_api_host-net	OK
	check_esx_api_host-uptime	OK

PING OK - Packet loss = 0%, RTA = 1.44 ms

CHECK\_VMWARE\_API.PL OK - memcti=0.00 MB

CHECK\_VMWARE\_API.PL OK - cpu usage=40.89 %

CHECK\_VMWARE\_API.PL OK - 46/50 VMs up, overall status=green, connection state=connected, maintenance=no, All 201 health checks are Green, no config issues

CHECK\_VMWARE\_API.PL OK - mem usage=78.17 %

CHECK\_VMWARE\_API.PL OK - All 10 NICs are connected

CHECK\_VMWARE\_API.PL OK - uptime=91 days, 2:29:54

# Cloud Monitoring

## Cisco Nexus Switch

CISCO FAN	OK
CISCO MODULES	OK
CISCO POWERSUPPLY	OK
SNMP-INT eth 1/22 - MAIL-BE1 STORAGE eth2	OK
SNMP-INT eth 1/24 - RP-A WAN - SToIP	OK
SNMP-INT eth 1/25 - Datadomain	OK
SNMP-INT eth 1/31 - CLOUD-BZ-UFF-IT-SW1	OK
SNMP-INT eth1/1 VPC peerlink	OK
SNMP-INT eth1/12 vs BZ-PE-1 ten6/2	OK
SNMP-INT eth1/13 vs DC-BZ-ML3 ten2/4	OK
SNMP-INT eth1/14 vs BZ-DM-A1_4900_1 Ten1/4	OK
SNMP-INT eth1/17 vs BZ-DM-A1 port0	OK
SNMP-INT eth1/18 vs BZ-DM-A1 port2	OK
SNMP-INT eth1/19 vs BZ-DM-B1 port0	OK
SNMP-INT eth1/2 VPC peerlink	OK
SNMP-INT eth1/20 vs BZ-DM-B1 port2	OK
SNMP-INT eth1/23 SToIP - BZ-PE-1 n3/17	OK

# Cloud Monitoring

## EMC<sup>2</sup> Storage

vnx_check_cache2	OK	16:04:49	1d 17h 19m 24s	1/3	Read cache is enable, Write cache is enable,
vnx_check_disk	OK	16:04:47	1d 17h 19m 38s	1/3	305 physical disks are OK. 0 Hotspares are ready.13 are unbound
vnx_check_fault	OK	16:04:26	1d 17h 20m 24s	1/3	<a href="#">The array is operating normally.</a>
vnx_check_lun	OK	16:04:58	1d 17h 19m 24s	1/3	340. LUNS are READY.
vnx_check_pool	OK	16:04:47	1d 17h 19m 24s	1/3	<a href="#">Name SMART State Ready Status OK(0x0) Percent Full 51.398Name LOG</a>
vnx_check_spA	OK	16:04:47	1d 17h 19m 24s	1/3	SP A Present,Fan ok,Fan ok,Power ok,BBU ok,

# Cloud Monitoring

## EMC<sup>2</sup> Storage Virtualization

check\_emc\_VPLEX-backend

OK

check\_emc\_VPLEX-cluster-status

OK

check\_emc\_VPLEX-wan-connectivity

OK

check\_emc\_VPLEX-witness

OK

Cluster BZ Nr. BE failed: 0 0 0 0 Cluster TN Nr. BE failed: 0 0 0 0

BZ operational-status ok crit=0

connectivity: FULL

BZ 1 enabled in-contact ok



# Service Desk



# Service Desk

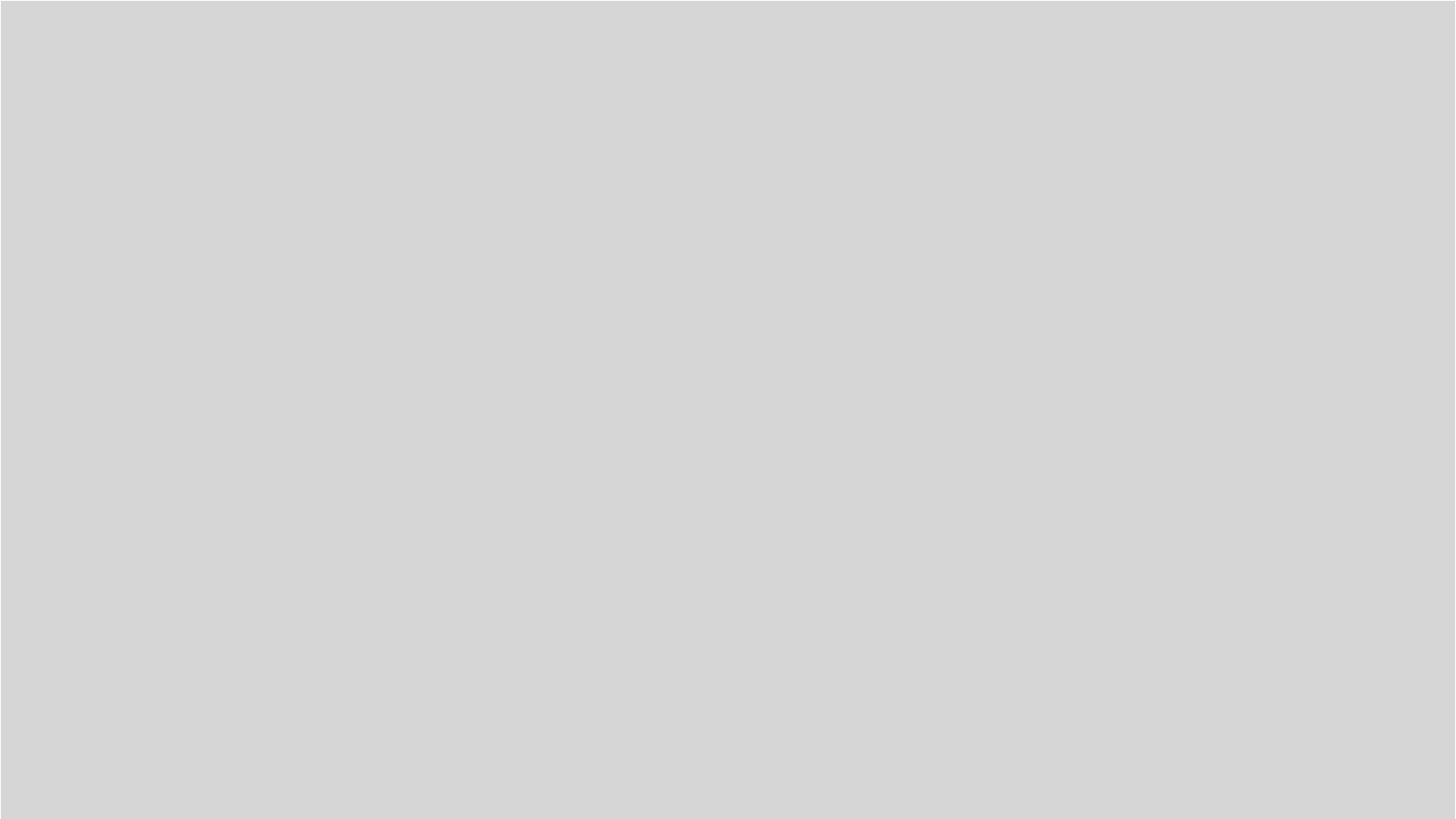
ITIL Based TT integrated with Neteye



## COMPETENCES:

- First Level Support
  - Incident Management
  - Escalation Management
- Second Level Support
  - Internal Experts
- Third Level Support
  - Direct access to vendors specialized team







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