

ESX Server

Jenkins, JIRA Datacenter load balancer, and Selenium GRID

Gigabyte GB-BXi5-5575R

4 CPUs x Intel(R) Core(TM) i5-5575R CPU @ 2.80GHz

16GB RAM

Datastore: NFS1 (1.98TB), ssd1 (691GB)

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Jenkins and Selenium Node farm

Dell Inc. Precision T5600

16 CPUs x Intel(R) Xeon(R) CPU E5-2660 0 @ 2.20GHz

64GB RAM

Datastore: ssd1 (980GB), ssd2 (980GB)

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Confluence and Jira Server Farm

Dell Inc. Precision T5600

12 CPUs x Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz

64GB RAM

Datastore: spindles (1.82TB), NFS1 (1.98TB), datastore1 (225GB), iS

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Confluence Datacenter (Perf and QA) - hosts two configs: perf config,

Dell Inc. Precision T5600
12 CPUs x Intel(R) Xeon(R) CPU E5-2640 0 @ 2.50GHz
64GB RAM
Datastore: ssd1 (481GB), ssd2 (489GB), deviscsi (1023GB), DCiSCSI1 (
See for detailed config: <https://gliffy.atlassian.net/wiki/spaces/gfyqa>

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JIRA Datacenter (Perf and QA) - hosts two configs: perf config, and m

Dell Inc. Precision T5600
16 CPUs x Intel(R) Xeon(R) CPU E5-2660 0 @ 2.20GHz
64GB RAM
Datastore: ssd1 (980GB), ssd2 (980GB)

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Confluence and Jira Server Farm + Misc

Dell Inc. Precision T5600
12 CPUs x Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz
64GB RAM
Datastore: ssd1 (481GB), ssd2(489GB), deviscsi(1023GB)

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Windows 10 Selenium Nodes Farm

<https://>
Dell Inc. Precision T3600
8 CPUs x Intel(R) Xeon(R) CPU E5-2680 0 @ 2.70GHz
32GB RAM
Datastore: SSD1 (924GB)

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GIGABYTE GB-BXi7-5775R
Intel(R) Core(TM) i7-5775R CPU @ 3.30GHz
16GB
525GB SSD

QNAP TS-453A NAS

4GB RAM

RAID10 (5TBx4)

9.08TB



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VM	Purpose
jira-dc1-loadbalancer	Load balancer for test JIRA Datacenter config
QA_Jenkins_Prod	Nightly Test Runs
QA-WIN10-GRID-0	Selenium GRID Hub
Ubuntu_Jenkins	QA's Internal Test Jenkins
Ubuntu_Jenkins_Slave_1	Jenkins Slave
Ubuntu_Jenkins_Slave_2	Jenkins Slave
Ubuntu_Jenkins_Slave_3	Jenkins Slave
Ubuntu_Jenkins_Slave_4	Jenkins Slave
Ubuntu_Jenkins_Slave_5	Jenkins Slave
Ubuntu_Jenkins_Slave_6	Jenkins Slave
Ubuntu_Jenkins_Slave_7	Jenkins Slave
Ubuntu_Jenkins_Slave_8	Jenkins Slave
Ubuntu_Jenkins_Slave_9	Jenkins Slave
Ubuntu_Jenkins_Slave_10	Jenkins Slave
Ubuntu_Jenkins_Slave_11	Jenkins Slave
Ubuntu_Jenkins_Slave_12	Jenkins Slave
win10-selenium-10	Selenium Grid Node 10
win10-selenium-11	Selenium Grid Node 11
win10-selenium-12	Selenium Grid Node 12
win10-selenium-13	Selenium Grid Node 13
CS11 (499GB), SSD1 (931GB)	
Conf_Server_6.5.x	Confluence Server 6.5.2
Conf_Server_6.6.0	Confluence Server 6.6.0
Conf_Server_6.7.x	Confluence Server 6.7.0
Conf_Server_6.8.0	Confluence Server 6.8.0

Conf_Server_6.13.0
Conf_Server_6.14.0
Conf_Server_6.15.0
Jira_Server_7.10.0
Jira_Server_7.11
Jira_Server_7.12.0
Jira_Server_7.4.4
Jira_Server_7.5.0
Jira_Server_7.6.0
Jira_Server_7.7.0
Jira_Server_7.8.0
Jira_Server_8.0.0
qa-db-0

Confluence Server 6.13.0
Confluence Server 6.14.0
Confluence Server 6.15.0
Jira Server 7.10.0
Jira Server 7.11
Jira Server 7.12.0
Jira Server 7.4.4
Jira Server 7.5.0
Jira Server 7.6.0
Jira Server 7.7.0
Jira Server 7.8.0
Jira Server 8.0.0

PostgreSQL 9.5.14 (all Conf/Jira servers point to this; clean_pg_archive.sh is crontab-ed)

and minimum required config (only one of the two configs is enabled at a given time - an either, or)

(1023GB)

/pages/130089006/QA+Atlassian+Confluence+Datacenter+Clusters

Perf Testing Config
Load balancer: http://

conf-dc-1-node-0	Confluence 6.4.1 Datacenter
conf-dc-1-node-1	Confluence 6.4.1 Datacenter
conf-dc-1-node-2	Confluence 6.4.1 Datacenter
conf-dc-1-node-3	Confluence 6.4.1 Datacenter

Minimum Required Config
Load balancer: http://

conf-dc-2-node-0	Confluence 6.4.1 Datacenter
conf-dc-2-node-1	Confluence 6.4.1 Datacenter
conf-dc-2-node-2	Confluence 6.4.1 Datacenter
conf-dc-2-node-3	Confluence 6.4.1 Datacenter

minimum required config (only one of the two configs is enabled at a given time - an either, or)

Perf Testing Config
Load balancer: http://

jira-dc-2-node-0

Jira 8.0.0 Datacenter

jira-dc-2-node-1
jira-dc-2-node-2
jira-dc-2-node-3

Jira 8.0.0 Datacenter
Jira 8.0.0 Datacenter
Jira 8.0.0 Datacenter

Conf_Server_5.10.8
Conf_Server_6.0.7
Conf_Server_6.1.4
Conf_Server_6.2.4
Conf_Server_6.3.3
Conf_Server_6.4.0
Confluence_Server_6.10.0
Confluence_Server_6.9.0
Jira_Server_7.9.0
Ubuntu_Sandbox_Bastion
dev-loadbalancer
PostgreSQL_Slave

Confluence Server 6.11.0 (5.10.8 was upgraded)
Confluence Server 6.0.7
Confluence Server 6.1.4
Confluence Server 6.2.4
Confluence Server 6.3.3
Confluence Server 6.4.0
Confluence Server 6.10.0
Confluence Server 6.9.0
Jira Server 7.9.0
QA's internal sandbox
QA's local sandbox for running OVFTOOL
Slave Replica for QA's PSQL

win10-selenium-0
win10-selenium-1
win10-selenium-2
win10-selenium-3
win10-selenium-4
win10-selenium-5
win10-selenium-6
win10-selenium-7
win10-selenium-8
win10-selenium-9

Selenium Grid Node 0
Selenium Grid Node 1
Selenium Grid Node 2
Selenium Grid Node 3
Selenium Grid Node 4
Selenium Grid Node 5
Selenium Grid Node 6
Selenium Grid Node 7
Selenium Grid Node 8
Selenium Grid Node 9

Dedicated NGNIX Load balancer for
Confluence Datacenter
Dedicated PostgreSQL 9.5.14 for Confluence
and Jira Datacenter

Total - Storage Pool: 1, Volume: 7, LUN: 4

Name/Alias	Status	Type	Snapshot
Storage Pool 1	Ready		
DataCenter	Ready	Thin volume	--
DataCenter2	Ready	Thin volume	--
Jenkins	Ready	Thick volume	--
QASHARED (System)	Ready	Thin volume	--
QATimeMachine	Ready	Thin volume	--
devdatacenter1	Ready	Thin volume	--
supportdc1	Ready	Thick volume	--
ESX3_0 (Mapped to Target esx3)	Ready	Block-based Thick LUN	--
ESX4 (Mapped to Target esx3)	Ready	Block-based Thick LUN	--
dciscsi_0 (Mapped to Target dci...	Ready	Block-based Thin LUN	--
deviscsi_0 (Mapped to Target de...	Ready	Block-based Thick LUN	--

iSCSI Target List





Create

Alias (IQN)	Type	Snapshots	Capacity
ESX3 (iqn.2004-04.com.qnap:ts-453a:iscsi.esx3.195182)			
ID: 0 - ESX3_0 (Block-based LUN from Storage P...	Thick LUN	--	500.00 GB
ID: 1 - ESX4 (Block-based LUN from Storage Po...	Thick LUN	--	500.00 GB
dciscsi (iqn.2004-04.com.qnap:ts-453a:iscsi.dciscsi.195182)			
ID: 0 - dciscsi_0 (Block-based LUN from Storage...	Thin LUN	--	1.00 TB
deviscsi (iqn.2004-04.com.qnap:ts-453a:iscsi.deviscsi.195182)			
ID: 0 - deviscsi_0 (Block-based LUN from Storag...	Thick LUN	--	1.00 TB

Users	Create	Delete	Home Folder
User Groups			
Shared Folders			
Quota			
Domain Security			
Domain Controller			

ControlPanel

Users	Shared Folder	Advanced Permissions	Folder Aggregation
User Groups	Create	Migrate to Snapshot Shared Folder	Remove
			Restore

		Create	Migrate to Snapshot Shared Folder	Remove	Restore
 Shared Folders	<input type="checkbox"/>	Folder Name	Size	Folders	Files
 Quota	<input type="checkbox"/>	Nodes	127.15 GB	2169406	97691
 Domain Security	<input type="checkbox"/>	Public	81.69 MB	10	
 Domain Controller	<input type="checkbox"/>	TMBBackup	22.92 GB	3	21
	<input type="checkbox"/>	Web	16 KB	2	
	<input type="checkbox"/>	datacenter	184.93 GB	515719	2601
	<input type="checkbox"/>	datacenter2	449.95 MB	177643	781
	<input type="checkbox"/>	devdatacenter1	228.26 MB	31505	231
	<input type="checkbox"/>	homes	3.16 MB	12	
	<input type="checkbox"/>	jiradatacenter1	44.89 GB	68417	1681
	<input type="checkbox"/>	jiradatacenter2	3.14 MB	3	
	<input type="checkbox"/>	qashared	1.08 TB	25117	341
	<input type="checkbox"/>	supportdc1	12 KB	2	

Edit Shared Folder Permission

Username: qa

Folder Name	Preview	
Nodes	No Access	
Public	Read/Write	
TMBBackup	No Access	
Web	No Access	
datacenter	Read/Write	
datacenter2	Read/Write	
devdatacenter1	Read/Write	
homes	No Access	
jiradatacenter1	Read/Write	
jiradatacenter2	Read/Write	

Folder Name	Preview	
qashared	Read/Write	
supportdc1	No Access	

OS	vCPU	Mem (GB)	HDD (GB)	NIC (GigE)	Datastore
Ubuntu	4	4	100	1	SSD1
Ubuntu	4	4	100	1	NFS1
Win10	4	4	120	1	SSD1
Ubuntu	4	6	100	1	SSD1
Ubuntu	6	4	100	1	SSD1
Ubuntu	6	4	100	1	SSD1
Ubuntu	6	4	100	1	SSD1
Ubuntu	6	4	100	1	SSD1
Ubuntu	6	4	100	1	SSD1
Ubuntu	6	4	100	1	SSD1
Ubuntu	6	4	100	1	SSD1
Ubuntu	6	4	100	1	SSD1
Ubuntu	6	4	100	1	SSD2
Ubuntu	6	4	100	1	SSD2
Ubuntu	6	4	100	1	SSD2
Ubuntu	6	4	100	1	SSD2
Win10	6	8	100	1	SSD1
Win10	6	8	100	1	SSD2
Win10	6	8	100	1	SSD2
Win10	6	6	100	1	SSD2
Ubuntu	8	4	90	1	SSD1
Ubuntu	8	4	90	1	SSD1
Ubuntu	8	4	90	1	SSD1
Ubuntu	8	4	90	1	SSD1

Ubuntu	6	4	90	1	NFS1
Ubuntu	6	4	90	1	NFS1
Ubuntu	6	4	90	1	NFS1
Ubuntu	6	4	90	1	DATASTORE1
Ubuntu	6	4	90	1	SPINDLEDS
Ubuntu	4	4	90	1	SPINDLEDS
Ubuntu	4	4	90	1	SSD1
Ubuntu	4	4	90	1	SSD1
Ubuntu	4	4	90	1	SSD1
Ubuntu	4	4	90	1	SSD1
Ubuntu	4	4	90	1	SSD1
Ubuntu	4	4	90	1	NFS1
Ubuntu	4	8	90	1	DATASTORE1 /SPINDLEDS1

or)

Ubuntu	6	8	200	1	SSD1
Ubuntu	6	8	200	1	SSD1
Ubuntu	6	8	200	1	SSD1
Ubuntu	6	8	200	1	SSD1

fig

Ubuntu	4	4	200	1	DCiSCSI
Ubuntu	4	4	200	1	DCiSCSI
Ubuntu	4	4	200	1	DCiSCSI
Ubuntu	4	4	200	1	DCiSCSI

Ubuntu	6	8	90	1	SSD1
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


Ubuntu	6	8	90	1	SSD1
Ubuntu	6	8	90	1	SSD1
Ubuntu	6	8	90	1	SSD1
Ubuntu	8	4	90	1	DEViSCSI
Ubuntu	8	4	90	1	DEViSCSI
Ubuntu	8	4	90	1	DEViSCSI
Ubuntu	8	4	90	1	DEViSCSI
Ubuntu	8	4	90	1	DEViSCSI
Ubuntu	8	4	90	1	DEViSCSI
Ubuntu	4	4	90	1	DEViSCSI
Ubuntu	4	4	90	1	DEViSCSI
Ubuntu	8	4	90	1	DEViSCSI
Ubuntu	8	8	200	1	DEViSCSI
Ubuntu	4	4	100	1	DEViSCSI
Ubuntu	4	4	90	1	DEViSCSI
Win10	4	4	100	1	SSD1
Win10	4	4	100	1	SSD1
Win10	4	4	100	1	SSD1
Win10	4	4	100	1	SSD1
Win10	4	4	100	1	SSD1
Win10	4	4	100	1	SSD1
Win10	4	4	100	1	SSD1
Win10	4	4	100	1	SSD1
Win10	4	4	100	1	SSD1
Win10	4	4	100	1	SSD1
Ubuntu					

Snapshot Replica	Capacity	Percent Used
--	9.08 TB	<div><div></div></div>
--	3.97 TB	<div><div></div></div>
--	1.97 TB	<div><div></div></div>
--	491.51 GB	<div><div></div></div>
--	1.98 TB	<div><div></div></div>
--	1.49 TB	<div><div></div></div>
--	491.51 GB	<div><div></div></div>
--	197.78 GB	<div><div></div></div>
--	500.00 GB	<div><div></div></div>
--	500.00 GB	<div><div></div></div>
--	1.00 TB	<div><div></div></div>
--	1.00 TB	<div><div></div></div>

Allocated	Status	Initiator IP
	Connected	10.52.0.14 *
100 %	Enabled	
100 %	Enabled	
	Connected	10.52.0.14 *
79 %	Enabled	
	Connected	10.52.0.14 *
100 %	Enabled	

Quota	Status	Action
--	Enable	<div><div></div><div></div><div></div><div></div></div>
--	Enable	<div><div></div><div></div><div></div><div></div><div></div></div>

e Default Shared Folders

ies	Hid...	Volume	Action
899	No	Jenkins	  
18	No	QASHARED	  
949	Yes	QATimeMachine	
3	No	QASHARED	  
020	No	DataCenter	  
249	No	DataCenter2	  
968	No	devdatacenter1	  
11	No	QASHARED	  
901	No	QASHARED	  
7	No	QASHARED	  
681	No	QASHARED	  
2	No	supportdc1	  

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RO	RW	Deny
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Display item: 1-10, Total: 12

RO	RW	Deny
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>