Current Infrastructure

Production Environment

Server	Purpose	Host name	IP address	Type	
PHP Web	php web service + memcached	waterrmd01.cloud.ge.com	3.34.205.22	Water Insight Prod Web1	
	php web service + memcached	waterrmd02.cloud.ge.com	3.34.205.20	Water Insight Prod Web2	
	php web service + memcached	waterrmd03.cloud.ge.com	3.34.205.16	Water Insight Prod Web3	
	php web service + memcached	waterrmd04.cloud.ge.com	3.34.204.1173	Water Insight Prod Web4	
	web service for reporting	amuscinwt8app32.logon.ds.ge.com	3.112.44.92	Spotfire web player	
External DMZ		cihcispwata301v	3.63.58.93		
		cihcispwata302v	3.63.58.94		
		cihcispwata303v	3.63.58.187		
Historian	Historian web	rmdhistorian.gesmam.gesm.ge.com	3.112.44.91	Prod cluster	
	Historian DA, Historian file collector, Historian calculation collector, Historian web	amuscinwt8web06.gesmam.gesm.ge.com	3.112.44.90	Web server	
	Historian DA(*), Historian file collector, Historian calculation collector	amuscinwt8cls01.gesmam.gesm.ge.com	3.112.44.87	Prod node 1	
	Historian DA(*), Historian file collector, Rho processor	amuscinwt8cls02.gesmam.gesm.ge.com	3.112.44.88	Prod node 2	
Scrubbing server	Polling Scheduler, Parsing, Alarming (Raw + Calculation), ZenoMail, DCS, Email Polling for CMS Tank Inventory 2 SAP, BMS 2 SAP Scrubbing web	amuscinwtlscb01.gesm.ge.com	3.34.189.93	Scrubbing Prod 1	
	Parsing, Alarming (Raw), FSR	amuscinwtlscb02.gesm.ge.com	3.34.189.94	Scrubbing Prod 2	
	Alarms	amuscinwtlcts09.cloud.ge.com	3.34.205.56	Scrubbing Prod 3	
Oracle DB	Oracle RAC cluster	rmdwater1-scan.gesm.ge.com	3.112.44.52	Oracle Cluster	
	Node 1	amuscinwtlrac01.gesm.ge.com	3.112.44.49		
	Node 2	amuscinwtlrac02.gesm.ge.com	3.112.44.50		
Spotfire	Spotfire + Scheduler	amuscinwt8app33.logon.ds.ge.com	3.112.44.94		
ADS	ADS service	amuscinwt8db02.logon.ds.ge.com	3.112.44.93		
RHO	~~RHO processors~~	~~amuscinwt3app20.logon.ds.ge.com~~	~~3.34.188.90~~	~~TOBE Decommissioned~~	
	Unix	amuscinwtlrho01.cloud.ge.com	3.34.205.83		
	Unix	amuscinwtlrho02.cloud.ge.com	3.34.205.106		
	Unix	amuscinwtlrho03.cloud.ge.com	3.34.205.37		
	Unix	amuscinwtlrho04.cloud.ge.com	3.34.205.36		
	Unix	VDCCLP1208.vdccin.tsg.ge.com	10.41.251.158		
	Unix	VDCGLP01142.ics.cloud.ge.com	10.42.9.188	Replace Historian	

		Unix	VDCGLP01143.ics.cloud.ge.com	10.42.9.190	Replace Historian	
		Unix	VDCGLP01144.ics.cloud.ge.com	10.42.9.189	Replace Historian	
		Unix	VDCGLP01145.ics.cloud.ge.com	10.42.9.187	Replace Historian - Recalc + Fifo + Periodic Triggers	
Rho Memcache	RHO memcached service	amuscinwtlrho01.cloud.ge.com	3.34.205.83			
ActiveMQ	AMQ service	amuscinwtlamq01.gesm.ge.com	3.239.221.92			
	<not used>	amuscinwtlamq02.gesm.ge.com	3.239.221.91			
Reporting	Reporting service	amuscinwtlprep1.cloud.ge.com	3.34.205.190			
	Reporting service	amuscinwtlprep2.cloud.ge.com	3.34.205.86			
Migration	ES site migration server	amcaoakrmddev01	3.120.112.142	Decommissioned		
	Migration script to bring data from external/legacy apps to InSight	amusalpwt3app07	3.239.149.19	Decommissioned?		
Precompute	Zookeeper, Kafka, Storm Nimbus, Storm UI	amuscinwtlpcm01.cloud.ge.com	3.34.205.31			
	Zookeeper, Kafka, Strom Supervisor	amuscinwtlpcm02.cloud.ge.com	3.34.205.232			
	Zookeeper, Kafka, Strom Supervisor	amuscinwtlpcm03.cloud.ge.com	3.34.205.24			
	Strom Supervisor	amuscinwtlpcm04.cloud.ge.com	3.34.205.25			
	Strom Supervisor, Rho Precomputes	amuscinwtlpcm05.cloud.ge.com	3.34.205.233			
Cassandra DB		amuscinwtlcts01.cloud.ge.com	3.34.205.121			
		amuscinwtlcts02.cloud.ge.com	3.34.205.44			
		amuscinwtlcts03.cloud.ge.com	3.34.205.46			
		amuscinwtlcts04.cloud.ge.com	3.34.205.47			
		amuscinwtlcts05.cloud.ge.com	3.34.205.123			
		amuscinwtlcts06.cloud.ge.com	3.34.205.217			
		amuscinwtlcts07.cloud.ge.com	3.34.205.219			
		amuscinwtlcts08.cloud.ge.com	3.34.205.213			
		pwnlp0990v01.corporate.ge.com	3.239.33.74			
		pwnlp0990v02.corporate.ge.com	3.239.33.75			
		pwnlp0990v03.corporate.ge.com	3.239.33.76			
		pwnlp0990v04.corporate.ge.com	3.239.33.77			
		pwnlp0990v05.corporate.ge.com	3.239.33.78			
		pwnlp0990v06.corporate.ge.com	3.239.33.79			
		pwnlp0990v07.corporate.ge.com	3.239.33.80			
		pwnlp0990v08.corporate.ge.com	3.239.33.81			
	Alpharetta	amusalpwtlcts01.cloud.ge.com	3.34.209.227			
		amusalpwtlcts02.cloud.ge.com	3.34.209.150			
		amusalpwtlcts03.cloud.ge.com	3.34.209.151			
		amusalpwtlcts04.cloud.ge.com	3.34.209.220			
		amusalpwtlcts05.cloud.ge.com	3.34.209.221			
		amusalpwtlcts06.cloud.ge.com	3.34.209.222			
		amusalpwtlcts07.cloud.ge.com	3.34.209.145			
		amusalpwtlcts08.cloud.ge.com	3.34.209.223			

Stage Environment

Server	Purpose	Host name	IP address	Type	
PHP Web	php web service + memcached	stagewaterrmd1.cloud.ge.com	3.40.56.229		
	php web service + memcached	stagewaterrmd2.cloud.ge.com	3.40.56.228		
	web service for reporting	amusalpwt8qas02.logon.ds.ge.com	10.42.136.33	Spotfire web player	
External DMZ		alpcisswata201v.corporate.ge.com	3.63.122.93		
		alpcisswata202v.corporate.ge.com	3.63.122.94		
		alpcisswata203v.corporate.ge.com	3.63.122.39		
Historian	Historian DA/web RHO	amusalpwt8app09	3.239.137.56		
Scrubbing server	Polling Scheduler, Parsing, Alarming (Raw + Calculation), ZenoMail, DCS, Email Polling for CMS Tank Inventory 2 SAP, BMS 2 SAP Scrubbing web	amusalpwtlscb01.gesm.ge.com	10.42.138.12		
	Parsing, Alarming (Raw), FSR	amusalpwtlscb02.gesm.ge.com	10.42.138.13		
	Cassandra cut over load testing	vdcaglq234.ics.cloud.ge.com	10.42.137.161		
Oracle DB	DB for meta data	amusalpwtldb03.gesm.ge.com	3.239.137.57	Not Used	
	Oracle cluster	webqa1-scan.gesm.ge.com	3.239.137.58		
	Node 1	amusalpwtlwebq01.gesm.ge.com	3.239.137.51		
	Node 2	amusalpwtlwebq02.gesm.ge.com	3.239.137.52		
Spotfire	Spotfire + Scheduler	amusalpwt8qas03.logon.ds.ge.com	10.42.136.34		
RHO		amusalpwt8app09.gesmam.gesm.ge.com	3.239.137.56		
		VDCAGLQ235.ics.cloud.ge.com	10.42.137.160		
		VDCAGLQ246.ics.cloud.ge.com	10.42.137.157		
		VDCAGLQ249.ics.cloud.ge.com	10.42.137.155		
		VDCAGLQ250.ics.cloud.ge.com	10.42.137.153		
ActiveMQ	AMQ service	amusalpwtlamq02.gesm.ge.com			
Reporting	Reporting service	amusalpwtlqrep1.cloud.ge.com	3.34.211.127		
Precompute	Zookeeper, Kafka, Strom Supervisor	stagewaterrmd1.cloud.ge.com	3.40.56.229		
		stagewaterrmd2.cloud.ge.com	3.40.56.228		
		stagewaterrmd3.cloud.ge.com	3.40.57.19		
		stagewaterrmd4.cloud.ge.com	3.40.57.18		
		stagewaterrmd5.cloud.ge.com	3.40.57.130		
Cassandra DB		amuscinwtlctd01.cloud.ge.com	3.34.205.218		
		amuscinwtlctd02.cloud.ge.com	3.34.205.13		
		amuscinwtlctd03.cloud.ge.com	3.34.205.155		
		amuscinwtlctd04.cloud.ge.com	3.34.205.193		

		amuscinwtlctd05.cloud.ge.com	3.34.205.144		
		amuscinwtlctd06.cloud.ge.com	3.34.205.151		
		amuscinwtlctd07.cloud.ge.com	3.34.205.145		
		amuscinwtlctd08.cloud.ge.com	3.34.205.191		

Dev Environment

Server	Purpose	Host name	IP address	Type	
PHP Web	php web service + memcached	amusalpwtlrmd02.gesm.ge.com	3.239.245.152		
	php web service + memcached				
	web service for reporting	amuscinwt8dev02.logon.ds.ge.com	3.239.32.125	Spotfire web player	
Historian	Historian DA/web RHO	amusalpwt3app05	3.239.149.17		
Scrubbing server	Polling Scheduler, Parsing, Alarming (Raw + Calculation), ZenoMail, DCS, Email Polling for CMS Tank Inventory 2 SAP, BMS 2 SAP Scrubbing web		3.239.148.52		
Oracle DB	DB for meta data	amusalpwtwebd01.gesm.ge.com	3.239.149.48		
Spotfire	Spotfire + Scheduler	amuscinwt8dev01.logon.ds.ge.com	3.239.32.124		
ActiveMQ	AMQ Service	amusalpwtlamq01.gesm.ge.com			