

# Docomo Console UI Test 1902

- [Test Environment:](#)
- [AirWatch Version:](#)
- [Number of Devices:](#)
- [Test Scenarios:](#)
- [Test Results](#)

## Test Environment:

Tests were run on Docomo Perf test environment [PERF 11](#)(Server configurations are mentioned in this page).

## AirWatch Version:

19.2.0.18 AIRW-AWCREL27-52

## Number of Devices:

480K (218K iOS and 262K Android)

**Background Load:** Test was run with background load of 480K devices sending samples which were simulated using Falcon tool.

## Test Scenarios:

Overview: Test simulates 35 administrators navigating around the console UI.

Details:

- Number of users – Defined in Test Scenario
- All users will navigate at different OG's, unless otherwise specified
- Ramp up – 1 user every 10 seconds
- Steady state duration – 60 minutes
- Ramp down – 5 users every 30 seconds

## Test Results

### Statistics Summary

---

<b><u>Maximum Running Vusers:</u></b>		<b>35</b>
<b><u>Total Throughput (bytes):</u></b>	📉	<b>7,345,472,327</b>
<b><u>Average Throughput (bytes/second):</u></b>	📉	<b>1,758,973</b>
<b><u>Total Hits:</u></b>	📉	<b>36,933</b>
<b><u>Average Hits per Second:</u></b>	📉	<b>8.844</b>

### Transaction Summary

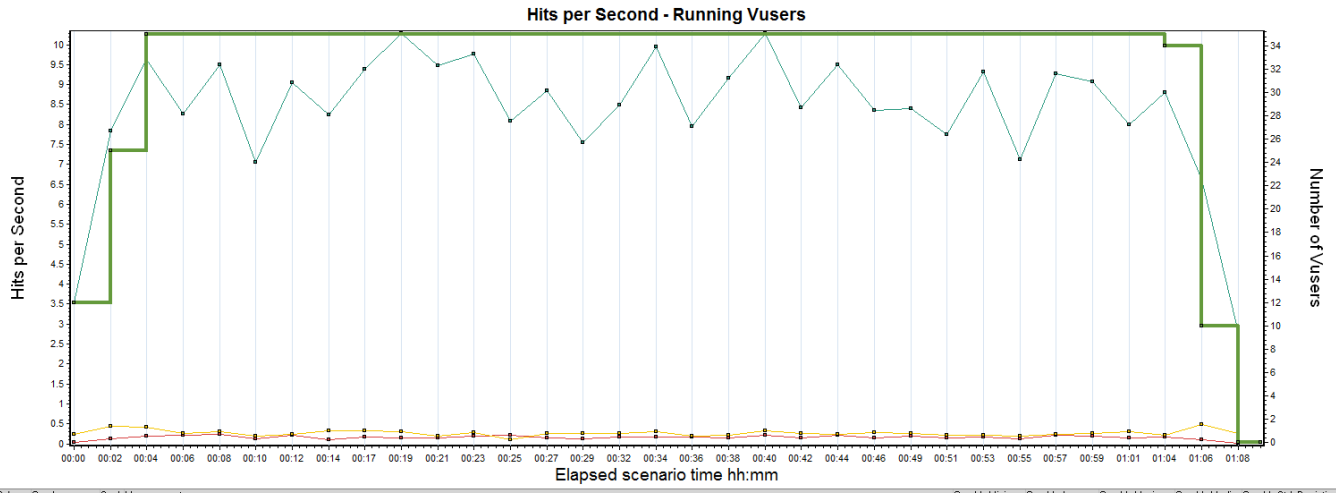
## Transaction Summary

**Transactions:** Total Passed: 9,202 Total Failed: 0 Total Stopped: 0

**Average Response Time**

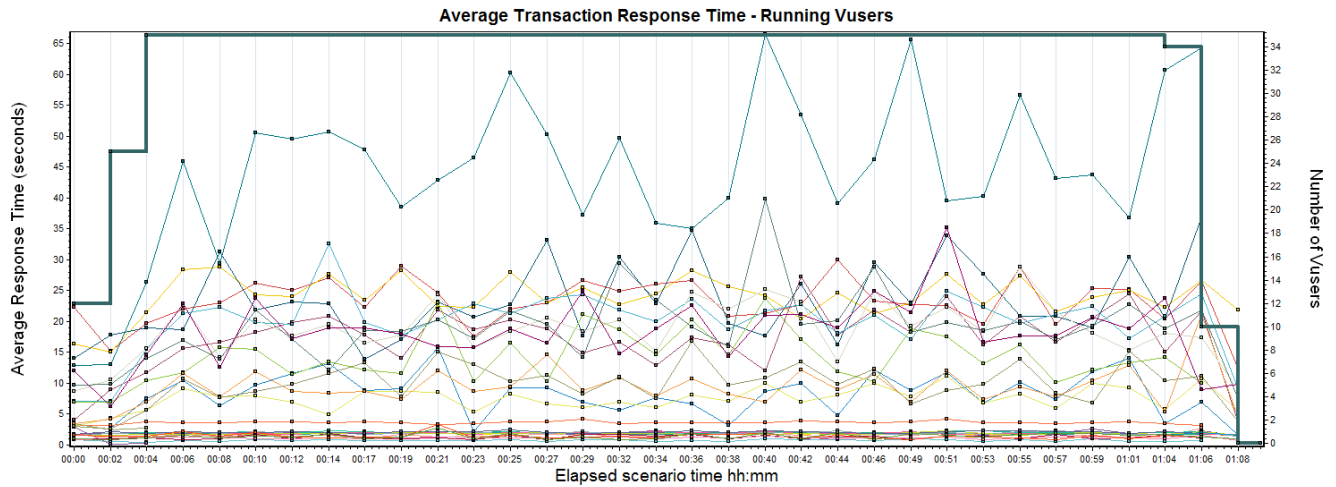
Transaction Name	SLA Status	Minimum	Average	Maximum	Std. Deviation	90 Percent	Pass	Fail	Stop
<a href="#">AW Console AccountsListView</a>	🟢	12.265	23.157	47.37	7.576	31.603	311	0	0
<a href="#">AW Console AccountsListView Page2</a>	🟢	12.274	24.191	44.181	8.082	33.545	311	0	0
<a href="#">AW Console Apps ListView Public</a>	🟢	0.676	8.487	30.681	7.394	18.943	313	0	0
<a href="#">AW Console AppsListView Internal</a>	🟢	0.346	0.671	3.016	0.376	1.134	313	0	0
<a href="#">AW Console ContentDashboard</a>	🟢	2.196	17.811	61.222	9	30.068	316	0	0
<a href="#">AW Console ContentListView</a>	🟢	2.645	3.58	6.255	0.537	4.22	283	0	0
<a href="#">AW Console DeviceDashboard</a>	🟢	2.776	7.659	30.452	3.817	12.659	307	0	0
<a href="#">AW Console DeviceDetails</a>	🟢	0.545	1.518	4.58	0.778	2.579	353	0	0
<a href="#">AW Console DeviceDetails Apps</a>	🟢	1.316	1.876	6.666	0.527	2.38	316	0	0
<a href="#">AW Console DeviceDetails Certificates</a>	🟢	1.311	1.813	4.549	0.429	2.327	316	0	0
<a href="#">AW Console DeviceDetails CustomAttributes</a>	🟢	1.323	1.936	4.183	0.425	2.443	316	0	0
<a href="#">AW Console DeviceDetails Network</a>	🟢	1.296	1.822	5.39	0.45	2.277	316	0	0
<a href="#">AW Console DeviceDetails Products</a>	🟢	1.341	1.854	4.097	0.413	2.367	316	0	0
<a href="#">AW Console DeviceDetails Profiles</a>	🟢	1.311	1.861	6.783	0.519	2.386	316	0	0
<a href="#">AW Console DeviceDetails Troubleshooting</a>	🟢	1.292	1.803	3.938	0.389	2.307	316	0	0
<a href="#">AW Console DeviceListView</a>	🟢	5.848	23.223	76.319	14.115	42.402	263	0	0
<a href="#">AW Console DeviceListView Page2</a>	🟢	11.299	45.644	142.295	28.962	86.325	263	0	0
<a href="#">AW Console DeviceSearch By UDID</a>	🟢	1.448	2.019	5.311	0.433	2.515	263	0	0
<a href="#">AW Console HubView</a>	🟢	4.625	20.725	49.903	12.614	38.757	669	0	0
<a href="#">AW Console Launch</a>	🟢	0.07	1.103	27.34	4.659	0.347	35	0	0
<a href="#">AW Console Login</a>	🟢	1.958	2.863	10.628	1.784	3.082	35	0	0
<a href="#">AW Console Logout</a>	🟢	1.387	1.793	3.236	0.398	2.38	35	0	0
<a href="#">AW Console ProductListView</a>	🟢	0.511	1.207	5.868	0.792	2.126	257	0	0
<a href="#">AW Console ProfileListView</a>	🟢	0.618	1.068	3.144	0.4	1.607	292	0	0
<a href="#">AW Console SmartgroupDeviceList</a>	🟢	5.213	13.992	42.421	8.71	28.284	274	0	0
<a href="#">AW Console SmartgroupList</a>	🟢	0.497	1.439	4.828	0.899	2.554	246	0	0
<a href="#">AW Console SmartgroupList Search</a>	🟢	0.494	1.347	5.444	0.873	2.558	246	0	0
<a href="#">AW Console UniversalSearch AccountWithKeyword</a>	🟢	2.724	9.368	35.715	6.19	17.957	321	0	0
<a href="#">AW Console UniversalSearch Account</a>	🟢	7.138	18.995	54.421	9.922	33.5	321	0	0
<a href="#">AW Console UniversalSearch Device</a>	🟢	7.277	19.169	61.453	9.827	32.754	321	0	0
<a href="#">AW Console UniversalSearch DeviceWithserialNumberKeyword</a>	🟢	2.005	18.405	58.834	11.916	35.221	321	0	0
<a href="#">AW Console UniversalSearch DeviceWithUsernameKeyword</a>	🟢	1.848	10.193	45.1	8.279	22.52	321	0	0

Hits per Second V/s Running Vusers



Color	Graph	Scale	Measurement	Graph's Minimum	Graph's Average	Graph's Maximum	Graph's Median	Graph's Std. Deviation
Teal	Hits per Second1	HTTP_200		2.800	8.343	10.281	8.477	1.599
Orange	Hits per Second1	HTTP_301		0.013	0.158	0.227	0.164	0.047
Yellow	Hits per Second1	HTTP_302		0.102	0.266	0.462	0.250	0.075
Green	Running Users1	Run		0.000	32.513	35.000	12.000	13.772

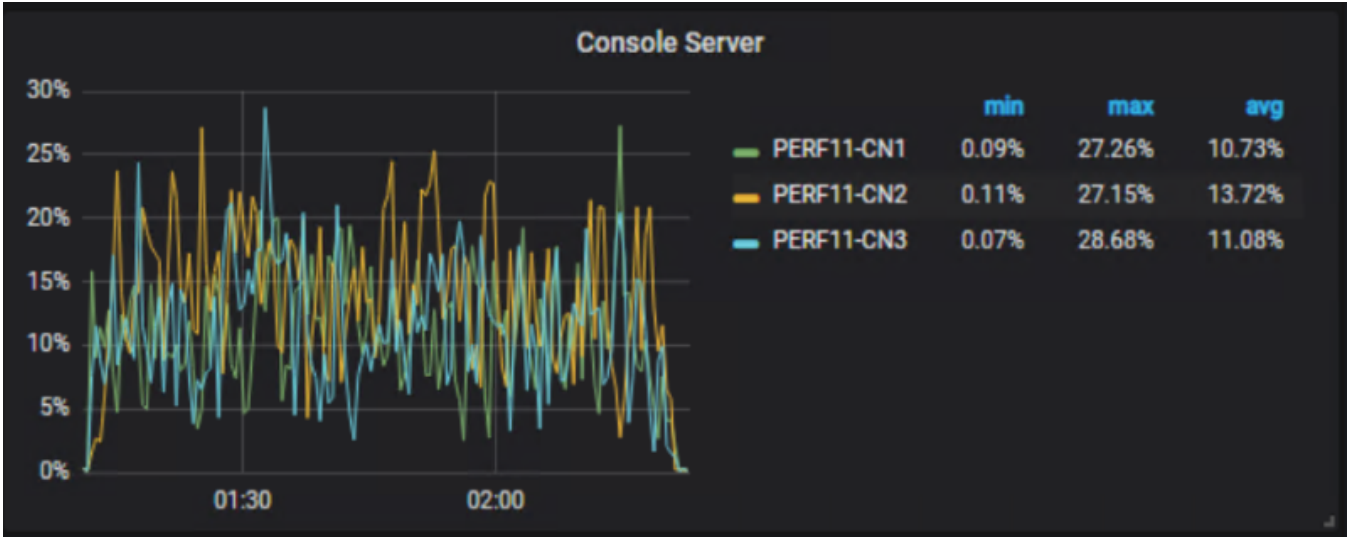
### Average Transaction Response Time V/s Running Users



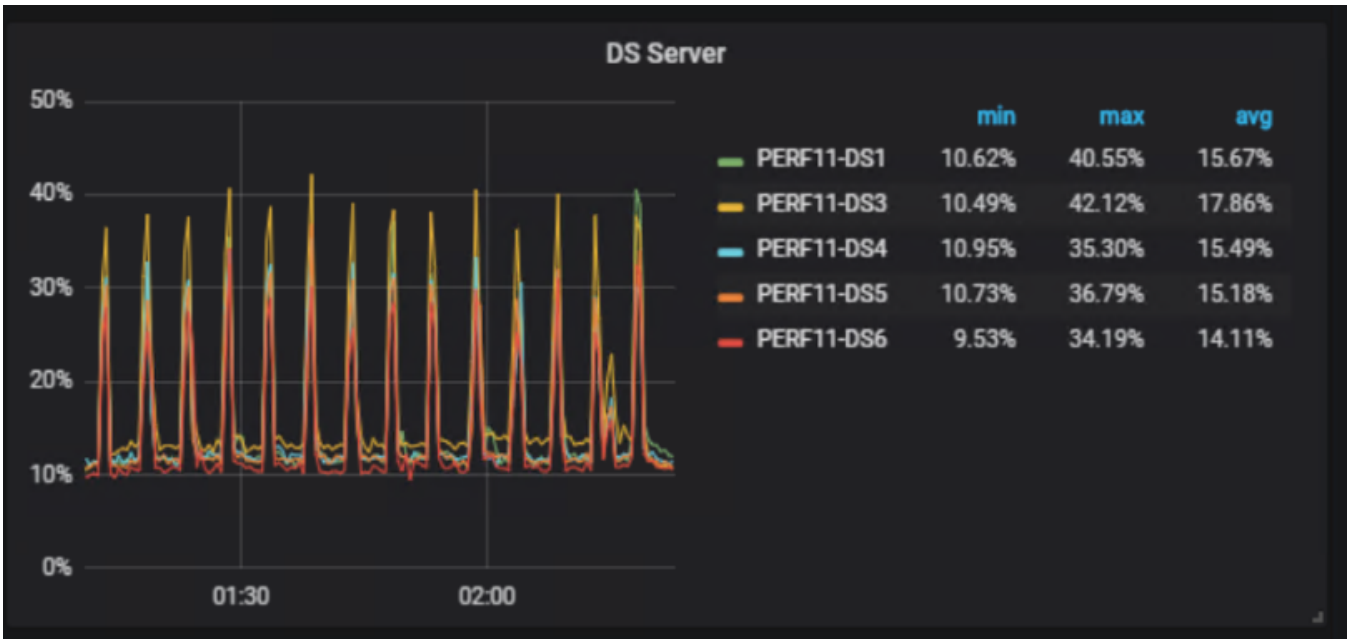
Color	Graph	Scale	Measurement	Graph's Minimum	Graph's Average	Graph's Maximum	Graph's Median	Graph's Std. Deviation
Red	Average Transaction Response Time1	AW_Console_AccountsListView		12.265	23.086	29.910	22.943	3.771
Yellow	Average Transaction Response Time1	AW_Console_AccountsListView_Page2		15.073	23.945	28.825	23.981	3.178
Blue	Average Transaction Response Time1	AW_Console_Apps_ListView_Public		1.486	8.141	15.773	8.763	3.428
Cyan	Average Transaction Response Time1	AW_Console_AppsListView_Internal		0.427	0.680	0.978	0.713	0.144
Orange	Average Transaction Response Time1	AW_Console_ContentDashboard		3.486	17.053	27.131	17.764	5.089
Green	Average Transaction Response Time1	AW_Console_ContentListView		3.049	3.553	4.095	3.555	0.220
Red	Average Transaction Response Time1	AW_Console_DeviceDashboard		2.939	7.402	11.116	7.770	1.857
Yellow	Average Transaction Response Time1	AW_Console_DeviceDetails		0.916	1.533	2.619	1.531	0.312
Blue	Average Transaction Response Time1	AW_Console_DeviceDetails_Apps		1.356	1.867	2.479	1.850	0.205
Cyan	Average Transaction Response Time1	AW_Console_DeviceDetails_Certificates		1.450	1.788	2.197	1.778	0.161
Orange	Average Transaction Response Time1	AW_Console_DeviceDetails_CustomAttributes		1.489	1.924	2.244	1.924	0.164
Green	Average Transaction Response Time1	AW_Console_DeviceDetails_Network		1.489	1.800	2.120	1.782	0.126
Red	Average Transaction Response Time1	AW_Console_DeviceDetails_Products		1.377	1.828	2.153	1.811	0.156
Yellow	Average Transaction Response Time1	AW_Console_DeviceDetails_Profiles		1.429	1.842	2.251	1.828	0.196
Blue	Average Transaction Response Time1	AW_Console_DeviceDetails_TroubleShooting		1.471	1.782	2.232	1.798	0.165
Cyan	Average Transaction Response Time1	AW_Console_DeviceListView		13.904	23.272	36.958	22.659	6.160
Orange	Average Transaction Response Time1	AW_Console_DeviceListView_Page2		12.869	44.230	66.452	45.822	12.744
Green	Average Transaction Response Time1	AW_Console_DeviceSearch_By_UDID		1.682	2.019	2.430	2.047	0.157
Red	Average Transaction Response Time1	AW_Console_HubView		7.077	19.983	32.576	20.982	4.905
Yellow	Average Transaction Response Time1	AW_Console_Launch		0.077	1.005	2.789	0.150	1.262
Blue	Average Transaction Response Time1	AW_Console_Login		2.436	2.835	3.433	2.634	0.431
Cyan	Average Transaction Response Time1	AW_Console_Logout		1.507	0.107	1.890	1.591	0.164
Orange	Average Transaction Response Time1	AW_Console_ProductListView		0.822	1.215	1.791	1.103	0.312
Green	Average Transaction Response Time1	AW_Console_ProfileListView		0.666	1.070	1.470	1.070	0.162
Red	Average Transaction Response Time1	AW_Console_SmartgroupDeviceList		6.869	14.121	23.767	13.414	4.210
Yellow	Average Transaction Response Time1	AW_Console_SmartgroupList		0.791	1.396	3.228	1.331	0.444
Blue	Average Transaction Response Time1	AW_Console_SmartgroupList_Search		0.795	1.365	2.691	1.296	0.440
Cyan	Average Transaction Response Time1	AW_Console_UniversalSearch_AccountWithKeyword		3.368	9.243	21.027	8.676	3.306
Orange	Average Transaction Response Time1	AW_Console_UniversalSearch_Account		8.601	18.655	28.815	18.376	4.577
Green	Average Transaction Response Time1	AW_Console_UniversalSearch_Device		7.300	18.869	39.794	18.843	5.894
Red	Average Transaction Response Time1	AW_Console_UniversalSearch_DeviceWithSerialNumberKeyword		6.167	18.243	35.083	18.753	5.345
Yellow	Average Transaction Response Time1	AW_Console_UniversalSearch_DeviceWithUsernameKeyword		2.538	9.785	16.694	9.844	3.330
Blue	Running Users	1	Run	0.000	32.513	35.000	12.000	13.772

Grafana Details: <http://10.144.186.35:3000/d/B2sDQnbiz1/perf11?orgId=1&from=1562735457000&to=1562739777000>

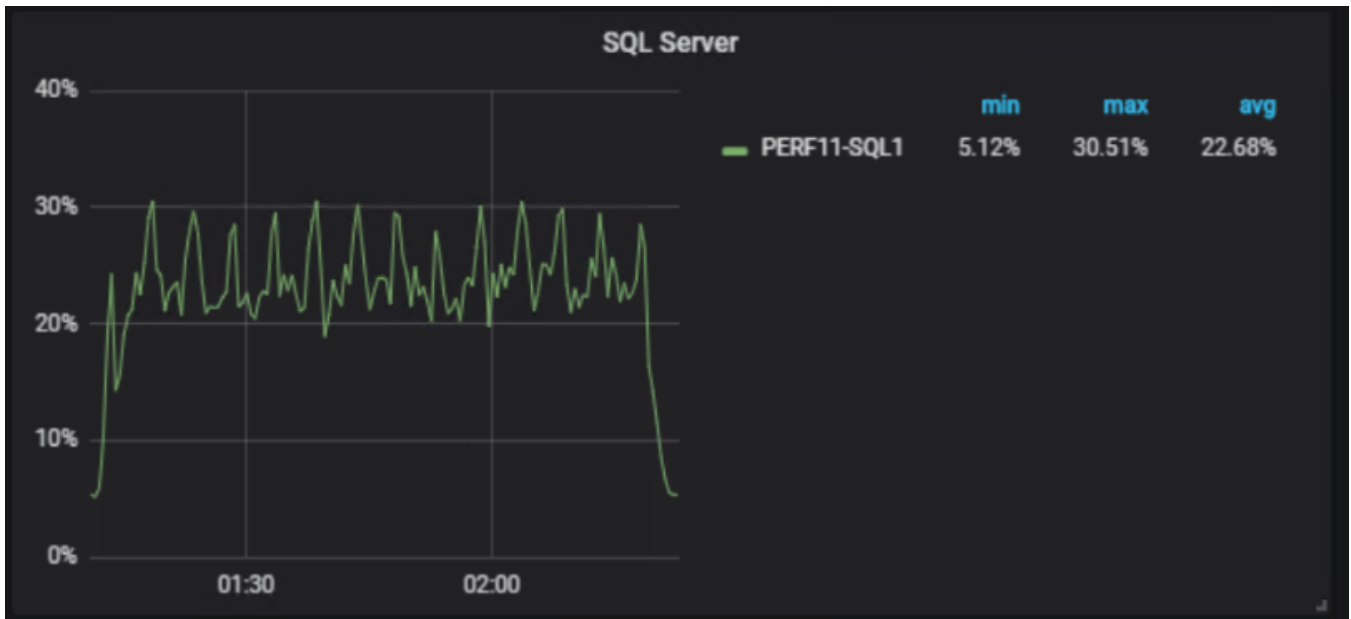
CN Server CPU Utilization:



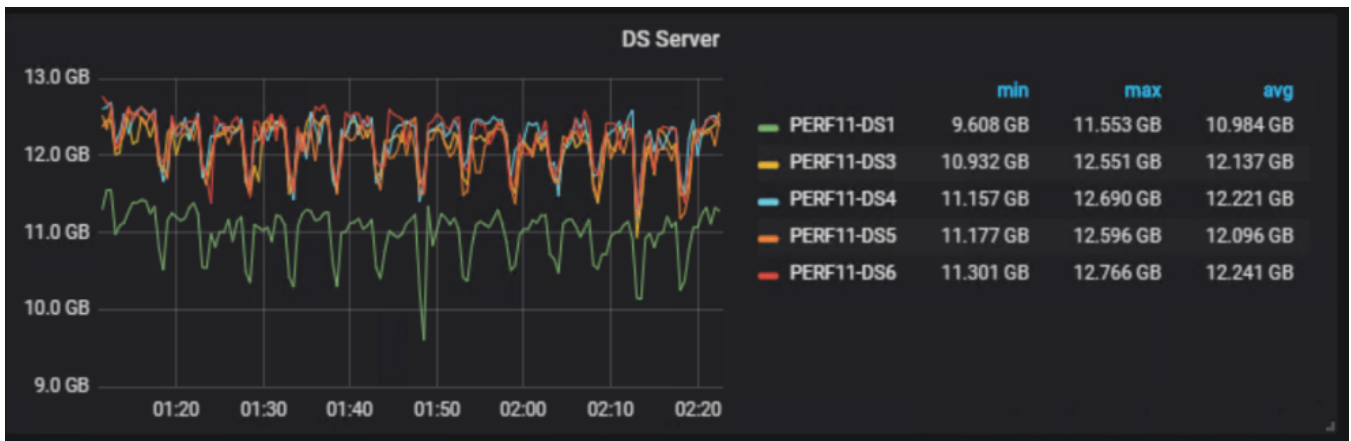
DS Server CPU Utilization:



SQL Server CPU Utilization:



DS Server Memory Utilization:



CN Server Memory Utilization:

