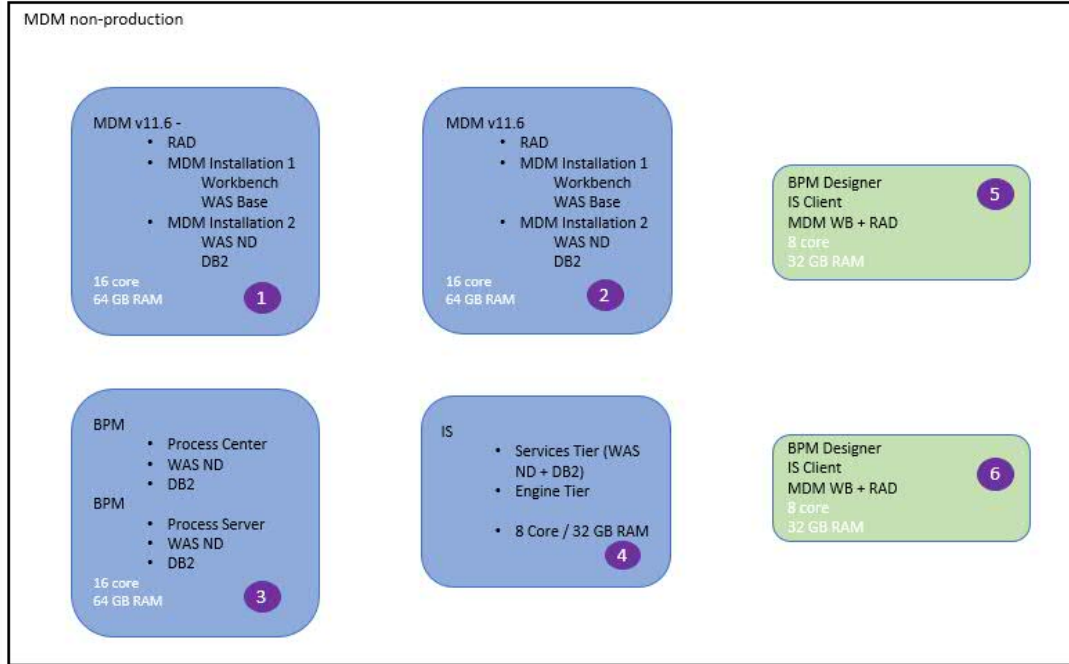


MDM on cloud R1.7.0

New Non Production Offering high level architecture:



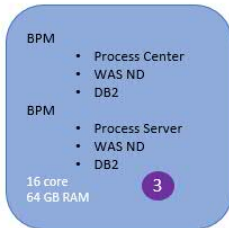
Installations on each machine for new Non Production:

Servers 1 & 2

- Each machine has
 - MDM installation 1, installed on WAS Base and SSL enabled DB2 with mdmdvplr user.
 - RAD with Work Bench installed.
 - MDM installation 2, installed on WAS ND and SSL enabled DB2 with mdmqaur user.



Server 3



- BPM Process Center
 - Installed with root user under /bpm directory.
 - Integrated to MDM installation 1 on Server 1 and Server2.
- BPM Process Server
 - Installed with root user under /bpm_ps directory.
 - Integrated with MDM Installation 2 on Server1.

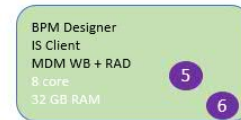


Server 4

- IIS server installed

Server 5 & 6

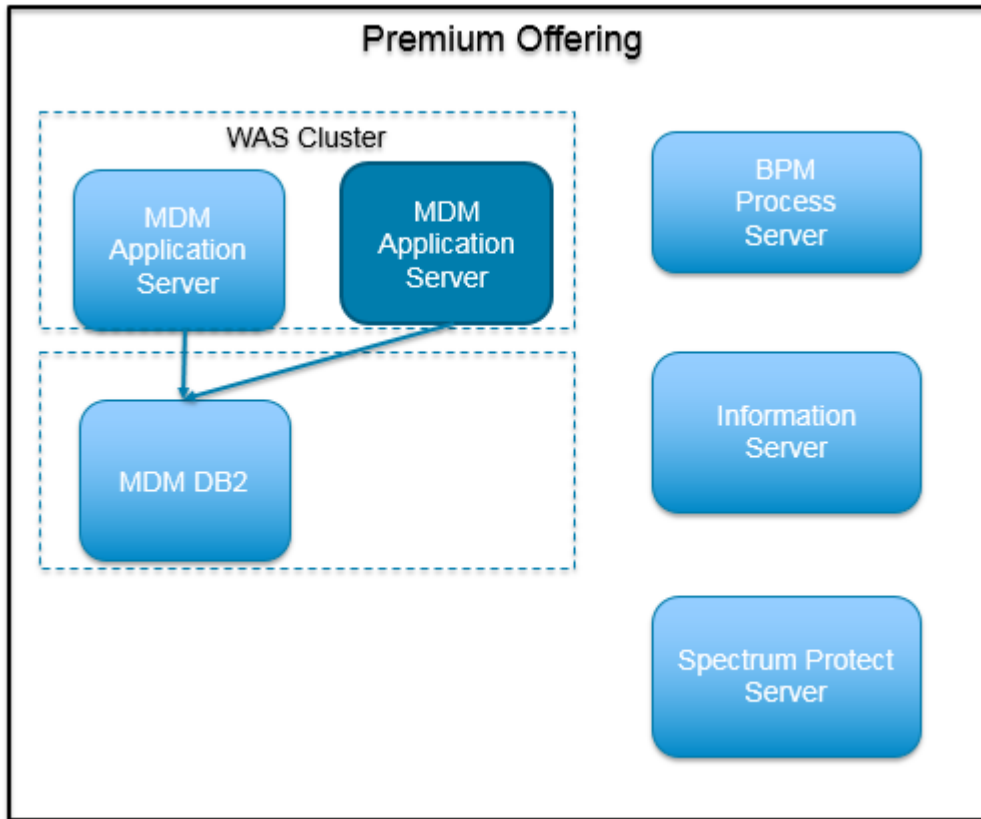
- MDM Work Bench + BPM Designer + IISEE Clients



Machine Specifications Non Production:

Machine Name	Hardware	Software
IBM MDM Developer Environment 1	16 core, 1 node, 64 GB memory per node, 2 disks 100GB + 2 TB SAN disk Virtual Machines	InfoSphere MDM Advanced Edition11.6.0.8, IBM WebSphere® Application Server 9.0.0.8, DB2 Server 11.1.2.2, IBM IM 1.8.5, RAD 9.6, IBM MDM WorkBench 11.6.0.8
IBM MDM Developer Environment 2	16 core, 1 node, 64 GB memory per node, 2 disks 100GB + 2 TB SAN disk Virtual Machines	InfoSphere MDM Advanced Edition11.6.0.8, IBM WebSphere® Application Server 9.0.0.8, DB2 Server 11.1.2.2, IBM IM 1.8.5, RAD 9.6, IBM MDM WorkBench 11.6.0.8
Information Server	8 core, 1 node, 32 GB memory per node, 2 disks 100GB + 500GB SAN disk Virtual Machines	IBM InfoSphere Information Server 11.7 FP1, IBM WebSphere® Application Server 9.0.0.4, IBM DB2® 11.1
Windows Dev Clients -2	8 core, 1 node, 32 GB per node, 2 disks 100GB + 500GB SAN disk Virtual Machines	IIS EE 11.7 FP1 Clients, BPM Designer Clients 8.6, IBM IM 1.8.5, RAD 9.6, IBM MDM WorkBench 11.6.0.8
BPM Server	16 core, 1 node, 64 GB memory per node, 2 disks 100GB + 500 GB SAN disk Virtual Machines	IBM Business Process Manager 8.6, IBM WebSphere® Application Server 8.5.5.13, IBM DB2® Express

MDM on Cloud Premium Offering high level architecture :

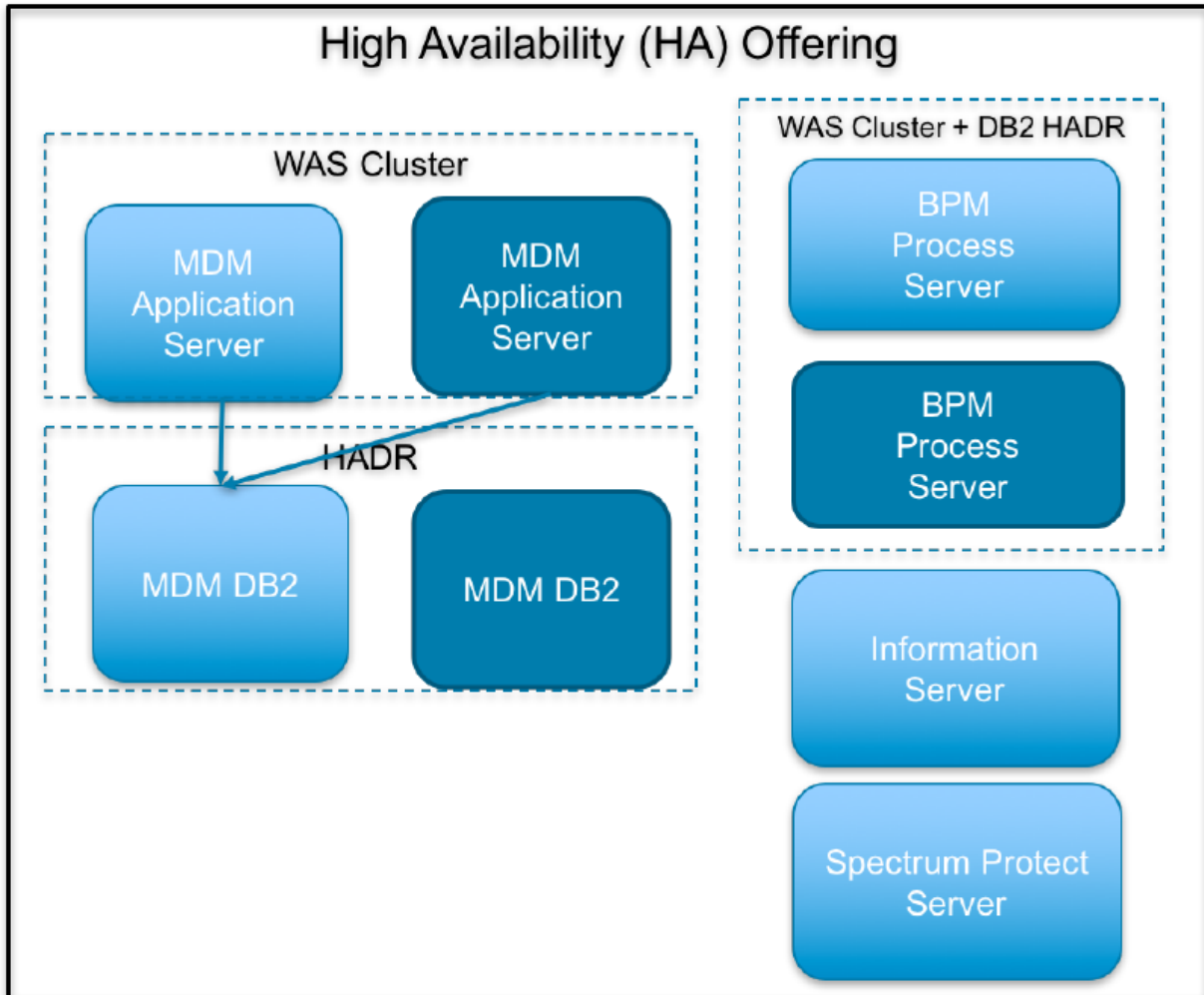


Machine Specifications Premium Offering:

Machine Name	Small	Medium	Large	Software Stack
MDM Primary Server	4 core, 2 nodes, 16 GB memory per node, 2 disks 100GB + 300GB SAN disk Virtual Machines	8 core, 2 nodes, 32 GB memory per node, 2 disks 100GB + 300GB SAN disk Virtual Machines	12 core, 2 nodes, 64 GB memory per node, 1 TB SATA Baremetal Machines	InfoSphere MDM Advanced Edition 11.6.0.8, IBM WebSphere® Application Server 9.0.0.8
MDM Secondary Server	4 core, 2 nodes, 16 GB memory per node, 2 disks 100GB + 300GB SAN disk Virtual Machines	8 core, 2 nodes, 32 GB memory per node, 2 disks 100GB + 300GB SAN disk Virtual Machines	12 core, 2 nodes, 64 GB memory per node, 1 TB SATA Baremetal Machines	InfoSphere MDM Advanced Edition 11.6.0.8, IBM WebSphere® Application Server 9.0.0.8
MDM Database	4 core, 1 node, 32 GB per node, 100 +1 SAN disk 1TB Virtual Machines	8 core, 1 node, 64 GB per node, 100+1 SAN disk 2TB Virtual Machines	12 core, 1 node, 256 GB per node, 5 disk: Each 1.7TB SSD + Raid Controller Baremetal Machines	IBM DB2® 11.1.2.2
IBM Business Process Manager Primary	8 core, 1 node, 32 GB per node, 100+ 1	8 core, 1 node, 64 GB per node, 100+ 1	16 core, 1 node, 64 GB per node, 5	IBM Business Process Manager 8.6, IBM

	SAN disk 1TB Virtual Machines	SAN disk 2 TB Virtual Machines	disk: Each 1.7TB SSD + Raid Controller Baremetal Machines	WebSphere® Application Server 8.5.5.13, IBM DB2® Express
InfoSphere Information Server	8 core, 1 node, 32 GB per node, 2 SAN disk (100GB +500GB) 1TB Virtual Machines	8 core, 1 node, 32 GB per node, 2 SAN disk (100GB +500GB) 1TB Virtual Machines	8 core, 1 node, 32 GB per node, 5 disk: Each 1.7TB SSD + Raid Controller Baremetal Machines	IBM InfoSphere Information Server 11.7 FP1, IBM WebSphere® Application Server 9.0.0.4, IBM DB2® 11.1
IBM Spectrum Protect Server	8 core, 1 node, 64 GB per node, 100GB + 4TB SAN disk + 1 TB Performance (4000 IOPS) Virtual Machines	8 core, 1 node, 64 GB per node, 100GB + 8TB SAN disk + 1 TB Performance (6000 IOPS) Virtual Machines	12 core, 1 node, 128 GB per node, 6 disk: Each 1.7TB SSD , 8 TB SATA + Raid Controller for SSD, Baremetal Machines	IBM Spectrum Protect Server 8.1.3, IBM DB2® 11.1

MDM on Cloud Premium HA Offering high level architecture :



Machine Specifications Premium HA Offering:

Machine Name	Small	Medium	Large	Software Stack
MDM Primary Server	4 core, 2 nodes, 16 GB memory per node, 2 disks 100GB + 300GB SAN disk Virtual Machines	8 core, 2 nodes, 32 GB memory per node, 2 disks 100GB + 300GB SAN disk Virtual Machines	12 core, 2 nodes, 64 GB memory per node, 1 TB SATA Baremetal Machines	InfoSphere MDM Advanced Edition 11.6.0.8, IBM WebSphere® Application Server 9.0.0.8
MDM Secondary Server	4 core, 2 nodes, 16 GB memory per node, 2 disks 100GB + 300GB SAN disk Virtual Machines	8 core, 2 nodes, 32 GB memory per node, 2 disks 100GB + 300GB SAN disk Virtual Machines	12 core, 2 nodes, 64 GB memory per node, 1 TB SATA Baremetal Machines	InfoSphere MDM Advanced Edition 11.6.0.8, IBM WebSphere® Application Server 9.0.0.8
MDM Database	4 core, 1 node, 32 GB per node, 100 +1 SAN disk 1TB Virtual Machines	8 core, 1 node, 64 GB per node, 100+1 SAN disk 2TB Virtual Machines	12 core, 1 node, 256 GB per node, 5 disk: Each 1.7TB SSD + Raid Controller Baremetal Machines	IBM DB2® 11.1.2.2
MDM Database Standby	4 core, 1 node, 32 GB per node, 100 +1 SAN disk 1TB Virtual Machines	8 core, 1 node, 64 GB per node, 100+1 SAN disk 2TB Virtual Machines	12 core, 1 node, 256 GB per node, 5 disk: Each 1.7TB SSD + Raid Controller Baremetal Machines	IBM DB2® 11.1.2.2
IBM Business Process Manager Primary	8 core, 1 node, 32 GB per node, 100+ 1 SAN disk 1TB Virtual Machines	8 core, 1 node, 64 GB per node, 100+ 1 SAN disk 2 TB Virtual Machines	16 core, 1 node, 64 GB per node, 5 disk: Each 1.7TB SSD + Raid Controller Baremetal Machines	IBM Business Process Manager 8.6, IBM WebSphere® Application Server 8.5.5.13, IBM DB2® 11.1
IBM Business Process Manager Secondary	8 core, 1 node, 32 GB per node, 100+ 1 SAN disk 1TB Virtual Machines	8 core, 1 node, 64 GB per node, 100+ 1 SAN disk 2 TB Virtual Machines	16 core, 1 node, 64 GB per node, 5 disk: Each 1.7TB SSD + Raid Controller Baremetal Machines	IBM Business Process Manager 8.6, IBM WebSphere® Application Server 8.5.5.13, IBM DB2® 11.1
InfoSphere Information Server	8 core, 1 node, 32 GB per node, 2 SAN disk (100GB +500GB) 1TB Virtual Machines	8 core, 1 node, 32 GB per node, 2 SAN disk (100GB +500GB) 1TB Virtual Machines	8 core, 1 node, 32 GB per node, 5 disk: Each 1.7TB SSD + Raid Controller Baremetal Machines	IBM InfoSphere Information Server 11.7 FP1, IBM WebSphere® Application Server 9.0.0.4, IBM DB2® 11.1
IBM Spectrum Protect Server	8 core, 1 node, 64 GB per node, 100GB + 4TB SAN disk + 1 TB Performance (4000 IOPS) Virtual Machines	8 core, 1 node, 64 GB per node, 100GB + 8TB SAN disk + 1 TB Performance (6000 IOPS) Virtual Machines	12 core, 1 node, 128 GB per node, 6 disk: Each 1.7TB SSD , 8 TB SATA + Raid Controller for SSD, Baremetal Machines	IBM Spectrum Protect Server 8.1.3, IBM DB2® 11.1