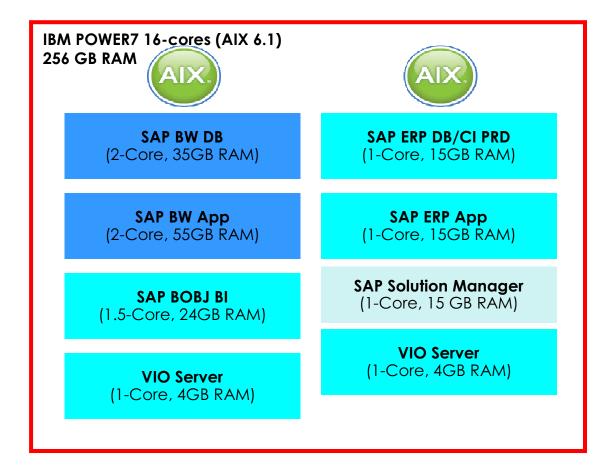
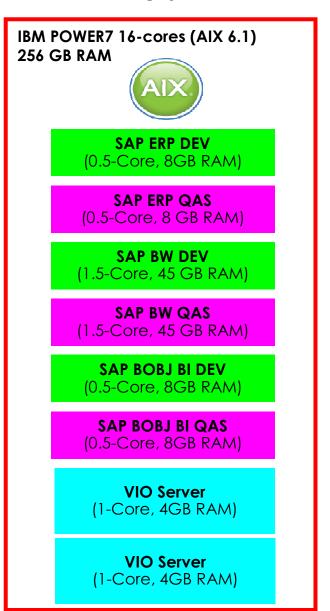


Blade Option PROD - NGL

PS702

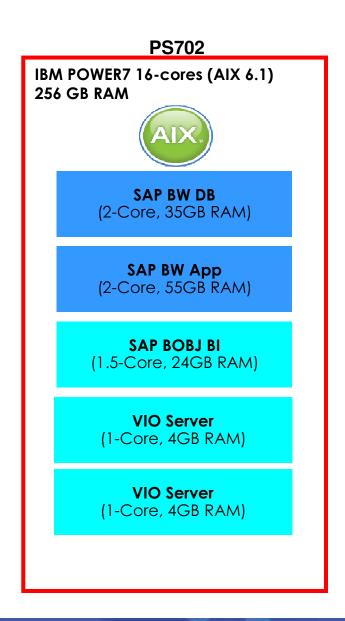


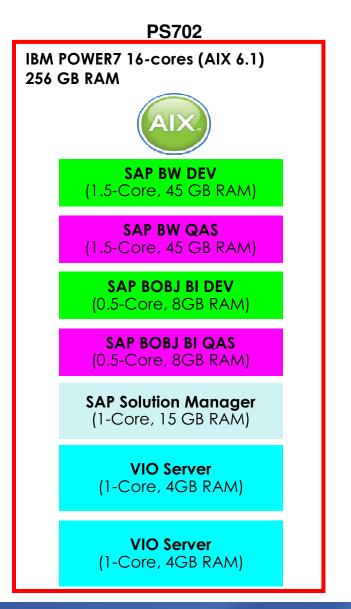
PS702





Blade Option PROD – UT Global



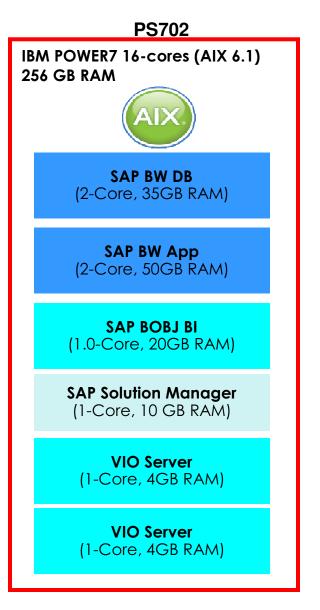




Blade Option

DR Site: NGL + UT Global

PS702 IBM POWER7 16-cores (AIX 6.1) **256 GB RAM** SAP BW DB SAP ERP DB/CI PRD (2-Core, 35GB RAM) (1-Core, 15GB RAM) **SAP BW App SAP ERP App** (2-Core, 55GB RAM) (1-Core, 15GB RAM) SAP BOBJ BI **SAP Solution Manager** (1.5-Core, 24GB RAM) (1-Core, 15 GB RAM) **VIO Server VIO Server** (1-Core, 4GB RAM) (1-Core, 4GB RAM)





Sizing Assumptions

ERP Production

The total SAPS (DB+Cl+App) for 30 concurrent MM users is approximately 1,000 SAPS only.

SAP recommends a minimum of 2,000 SAPS for initial implementation.

DB/CI to App ratio of 1:3 ratio => DB+CI = 500 SAPS and App = 1,500 SAPS

DB+Cl = 1-core, 15GB memory

App = 1-core, 15GB memory

ERP Non-Production (Assumed 50% of Production)

Dev = 0.5-core (8GB memory)

QA = 0.5-core (8GB memory)



Sizing Assumptions (Cont...)

BW Production:

Business Warehouse -> Business Warehouse											
Table 3: Throughput - User Groups: Reporting & Analysis (BW and BWA)											
Т	A/P	Element short text	BW user	Report.	OLAP	Explor.	Web	IP	BWA	B.Prv.	
S	Α	Information consumers (low activity, typical ratio 71% : 26% : 3 % (BW-INFO : BW-BUSIN. : BW EXPERT))	8	80	20	0	Х			1	
5	Α	Business users (medium activity, typical ratio 71% : 26% : 3 % (BW-INFO : BW-BUSIN. : BW EXPERT))	4	50	50	0	Х			1	
5	Α	Expert users (high activity, typical ratio 71% : 26% : 3 % (BW-INFO : BW-BUSIN. : BW EXPERT))	3	0	0	100	Х			1	

SAPS for BW = 3,500 SAPS (based on DB to App ratio of 1:1)

DB = 1,750 SAPS

App = 1,750 SAPS

Total SAPS for BW (inclusive of requirement for BOBJ BPC 10.0 and BOBJ BI 4.0)

DB = 1,750 + 1,030 (BOBJ BPC 10) + 400 (BOBJ BI) = 3,180 SAPS

App = 1,750 + 1,200 (BOBJ BPC 10) = 2,950 SAPS

BW DB (3,180 SAPS) = 2-core (35GB memory)

BW App (2,950 SAPS) = 2-core (55GB memory)

BW Non-Production (Assumed 50% of Production)

Dev = 2-core (45GB memory)

QA = 2-core (45GB memory)



Sizing Assumptions (Cont...)

BOBJ BPC 10.0 (Netweaver version)

Catagoni	Number of Concurrent Users	SAP NetWeaver ABAP Application Server(s)			Database Server					
Category		CPU Requirements	Memory Requirements	Disks Requirements	CPU Requirements	Memory Requirements	Disks Requirements			
CAT 1	50	1,200 SAPS	40 GB RAM	27 GB	1,030 SAPS	20 GB RAM	71 GB			

^{*}SAPS and memory requirements for BOBJ BPC 10.0 will be added into DB and App for BW

BOBJ Business Intelligence 4.0

SAP BusinessObjects Business Intelligence -> SAP BusinessObjects Business Intelligence										
Table 1: Throughput - SAP BusinessObjects Business Intelligence										
TI	A/P	Element short text	Info	Business	Expert	% S	% M	% L		
S	A	SAP Crystal Reports 2011	2	1	1	30	50	20		
S	A	SAP BusinessObjects Dashboards	1	1	1	30	50	20		
S	А	SAP BusinessObjects Web Intelligence	1	1	1	30	50	20		

BOBJ BI Server = 2,300 (1.5-core; 24GB memory)

^{* 400} SAPS for BOBJ BI will be added to DB for BW