Agenda

1. Technical Infrastructure after SOLMAN_SETUP
2. BI Infrastructure
3. SLD / LMDB Landscape
4. Scenario Infrastructure
Technical Infrastructure after SOLMAN_SETUP
SAP Solution Manager and Managed System

SAP Solution Manager
- ABAP
  - SEP_WEBSRV
  - SOLMAN_BTC
  - CONTENTSERV
  - SMB <MAN-SID>
  - SM_EXTERN_WS
  - SM_INTERNAL WS
  - SMD_RFC

- IGS
- Java
  - SM_INTERNAL WS
  - SMD_ADMIN

- Diagnostics Agent
- IS Enterprise Manager
  - GUEST

Managed System
- ABAP
  - SM_<SM-SID>
  - SMTM<SM-SID>
  - SMDAGENT_<SOLMANSID>

- Java
  - Introscope ByteCode Instrumentation
  - SM_COLL_<SM-SID>

- Diagnostics Agent

- SAP Solution Manager Host
- Managed System Host

SAP Support Backbone
- SAPOSS
  - SAP-oss
  - SAP-oss-list-001
  - SDCC_oss

SAP Support Backbone
- ITS РФС_DEST

SAP Support Backbone
- Port 6001

External Web Service
- External Web Service

Internal Web Service
- Internal Web Service

SAP Solution Manager Host
- SAP HostAgent
- SAPOSCOL

Frontend PC

Diagnostics Agent
- Jco/RFC (ABAP Gateway port 33<nn>).
- Msg-Server / P4 / HTTP port
**Technical Infrastructure after SOLMAN_SETUP**

BI-Content for SAP Solution Manager (three options)

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**Option 1**

(BI-Content activated on SAP Solution Manager productive client)

- **SAP Solution Manager**
  - PRD & BW Client
  - ABAP
  - Java

**Option 2**

(BI-Content activated on Solution Manager in a separate client)

- **SAP Solution Manager**
  - PRD Client
  - BI_CALLBACK
  - SMD_BI_RFC
  - ABAP
  - Java

**Option 3**

(BI-Content activated on a dedicated BW System)

- **Dedicated BW System**
  - BW Client
  - SMD_BI_RFC
  - ABAP
  - Java
  - BI_CALLBACK

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1. Technical Infrastructure after SOLMAN_SETUP

2. BI Infrastructure

3. SLD / LMDB Landscape

4. Scenario Infrastructure
Initial BW Configuration and Activation
Standard BW Scenario

SAP Solution Manager

PRD & BW Client

➢ SOLMAN_ADMIN (DIALOG)

ABAP

Java

NONE
Initial BW Configuration and Activation
Remote BW Scenarios

BW within Solution Manager system in another client

- **SAP Solution Manager**
  - PRD Client
    - SOLMAN_ADMIN (DIALOG)
  - BW Client
    - SM_BW_ADMIN (DIALOG)

BW in another system

- **SAP Solution Manager**
  - ABAP
    - SOLMAN_ADMIN (DIALOG)

- **Dedicated BW System**
  - ABAP
    - SM_BW_ADMIN (DIALOG)
Scenario-Specific Activation, Data Extraction and Display
Standard BW Scenario

SAP Solution Manager

PRD & BW Client

- SOLMAN_ADMIN (DIALOG)
- SMD_RFC
- SOLMAN_BTC

ABAP

Java

NONE
Scenario-Specific Activation, Data Extraction and Display
Remote BW Scenarios

BW within Solution Manager system in another client

SAP Solution Manager
- PRD Client
  - BI_CALLBACK
  - SOLMAN_BTC
  - SOLMAN_ADMIN (DIALOG)
- BW Client
  - SMD_BI_RFC
  - SM_BW_ADMIN (DIALOG)

BW in another system

SAP Solution Manager
- ABAP
  - PRD Client
    - BI_CALLBACK
    - SOLMAN_BTC
    - SOLMAN_ADMIN (DIALOG)
- Java

Dedicated BW System
- ABAP
  - BW Client
    - SMD_BI_RFC
    - SM_BW_ADMIN (DIALOG)
- Java
1. Technical Infrastructure after SOLMAN_SETUP
2. BI Infrastructure
3. SLD / LMDB Landscape
4. Scenario Infrastructure
LMDB: Communication Channels and Destinations

SAP Solution Manager

ABAP
- PRD Client
  - SOLMAN_BTC
  - SMD/rfc
- LMDB
- SMSY

Java

SLD

Remote SLD

Managed System

ABAP
- PRD Client
  - SM_<SM-SID>
- SLD Data Supplier (RZ70)

Java

SLD Data Supplier
(Visual Administrator or Netweaver Administration)

Diagnostics Agent

Agent Installation Setup Wizard

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WEBADMIN

SLD_UC

Java HTTP Port

Msg-Server / P4 port
1. Technical Infrastructure after SOLMAN_SETUP
2. BI Infrastructure
3. SLD / LMDB Landscape
4. Scenario Infrastructure
SAP Support Backbone

SAP Solution Manager

ABAP

- PRD Client
- CONTENTSERV
- SMB <MAN-SID>

IGS

Java

Managed System

ABAP

- SMTM<SM-SID>

Java

Technical Infrastructure
Solution Documentation Assistant
Technical Infrastructure
Maintenance Optimizer (incl. VAR scenario)
Technical Infrastructure
Change Request Management

SAP Solution Manager

ABAP

PRD Client

- SOLMAN_BTC
- SMB_<MAN-SID>

IGS

Java

Managed System

ABAP

PRD Client

- SM_<SM-SID>
- SMTM<SM-SID>

Java

Managed System 2

ABAP

DEV-System of Implementation landscape

DEV-System of Maintenance landscape

SAP Support Backbone

SAPOSS

ITS_RFC_DEST

SAPOSS
Technical Infrastructure
Business Process Operations

SAP Solution Manager

- ABAP
  - PRD Client
  - BW
  - CCMS
    - CSMREG (or SM_BPMO)
- IGS
- Java

Managed System

- ABAP
  - SM_<SM-SID>
- Java

SM_<MAN-SID>CLNT<CLNT>_LOGIN
SM_<MAN-SID>CLNT<CLNT>_TRUSTED
SM_<MAN-SID>CLNT<CLNT>_READ

ITS_RFC_DEST

SAP Support Backbone

SAP Solution Manager Host

Managed System Host
Technical Infrastructure
Application Incident Management

SAP Solution Manager

- ABAP
  - PRD Client
    - SOLMAN_BTC
    - SMB_<MAN-SID>
- IGS
- Java

Managed System

- ABAP
- Java

SAP Support Backbone

SAP-OSS
SAP-OSS-LIST-001

SM_<SM-SID><CLNT<CLNT>_BACK
Technical Infrastructure
Business Process Change Analyzer

SAP Solution Manager

ABAP

- SMB_<MAN-SID>
- TBOM

IGS
Java

Managed System

ABAP

- SM_<SM-SID>

Java

PRD Client

SM_<MAN-SID>CLNT<CLNT>_LOGIN
SM_<MAN-SID>CLNT<CLNT>_TRUSTED
SM_<MAN-SID>CLNT<CLNT>_READ
SM_<SM-SID>CLNT<CLNT>_BACK

ITS_RFC_DEST

SAP Support Backbone

SAP
Technical Infrastructure
Test Management

SAP Support Backbone

SAP Solution Manager
- ABAP
  - PRD Client
    - BW
- IGS
- Java

Managed System
- ABAP
  - PRD Client
- Java

SM_<MAN-SID>CLNT<CLNT>_LOGIN
SM_<MAN-SID>CLNT<CLNT>_TRUSTED
SM_<MAN-SID>CLNT<CLNT>_READ
Technical Infrastructure
Quality Gate Management
Technical Infrastructure
Data Volume Management

SAP Support Backbone

SAP Solution Manager
- ABAP
  - PRD Client
    - BW
    - SOLMAN_BTC
    - SM_INTERN_WS
    - SMD_RFC

- IGS
  - Java
    - SM_INTERN_WS

Managed System
- ABAP
  - PRD Client
  - SM_<SM-SID>

Internal Web Service

SAPOSS
SAP-OS L-SAP-OS LIST-001
SDCC_OSS

ITS_RFC_DEST

WEBADMIN

SM_<MAN-SID>CLNT<CLNT>_LOGIN
(or SM_<MAN-SID>CLNT<CLNT>_TRUSTED)
SM_<MAN-SID>CLNT<CLNT>_READ

BW

SAPOSS
SAP_OSS
SDCC_OSS

SAP Solution Manager Host

Managed System Host
Technical Infrastructure
Technical Administration

SAP Solution Manager
ABAP
PRD Client
IGS
Java

SM_<MAN-SID>CLNT<CLNT>_LOGIN
SM_<MAN-SID>CLNT<CLNT>_TRUSTED
SM_<MAN-SID>CLNT<CLNT>_READ

Managed System
ABAP
PRD Client

SAP Support Backbone
SAP Solution Manager Host
Managed System Host
Technical Infrastructure
Custom Code Lifecycle Management

SAP Solution Manager

- ABAP
  - PRD Client
- IGS
- Java

Managed System

- ABAP
  - SM_<MAN-SID>CLNT<CLNT>_TRUSTED
  - SM_<MAN-SID>CLNT<CLNT>_READ
  - SM_<SM-SID>

PRD Client
Technical Infrastructure
Configuration Validation

SAP Solution Manager
- ABAP
  - PRD Client
    - SEP_WEBSRV
    - SOLMAN_BTC
  - SM_EXTERN_WS
  - SMD_RFC
- IGS
- Java
  - SMD_ADMIN

Managed System
- ABAP
  - PRD Client
    - SM_<SM-SID>
- Java
  - SM_COLL_<SM-SID>

External Web Service

Diagnostics Agent

SAP Support Backbone

SAP Solution Manager Host

Frontend PC

Managed System Host