

SAP Application Server HA Interface Certification

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Scope of SAP HA-Interface Certification

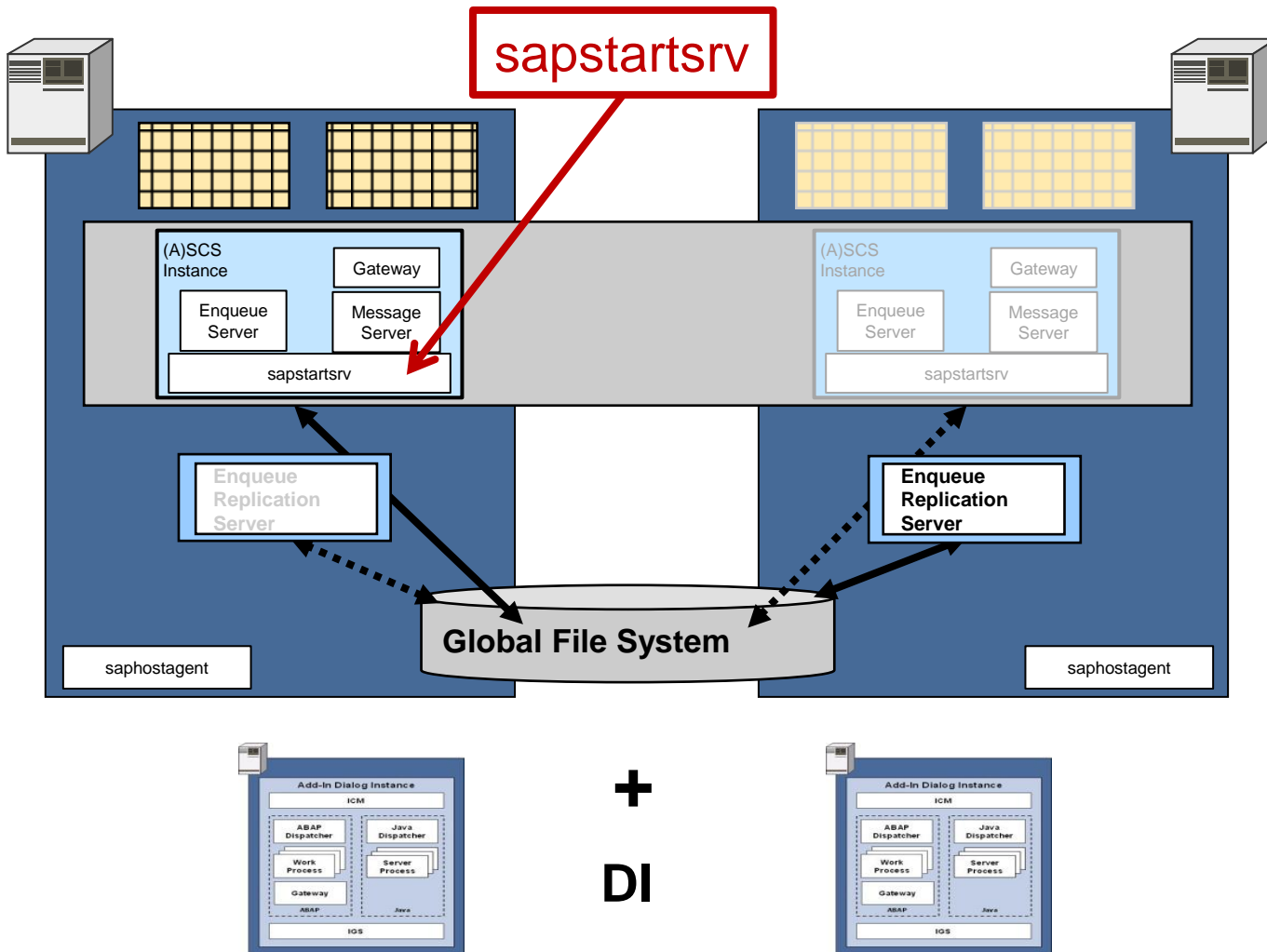
Partners do implement HA-Setups of Systems since years. They are responsible for the setup, because they use their specific failover-software to switch the (A)SCS-instance, database, etc.

SAP will introduce a partner certification program to certify the HA-interface (Cluster API) of the sapstartsrv:

- Certify Start/Stop infrastructure within HA-Setups
- Establish a single SAP HA setup scenario
- Unify HA setups for SAP NetWeaver 7.x based on 7.20 DCK availability (ABAP, Java)
- Improve transparency about OS dependencies and 3rd party failover software
- Improve transparency about available DB-specific HA-Solutions of 3rd party vendors
- Clarify responsibilities of SAP and its partners, especially for support

These **Minimum criteria were defined to ensure proper HA-Setups at customer side. Partner certainly can extend and further optimize their solutions.**

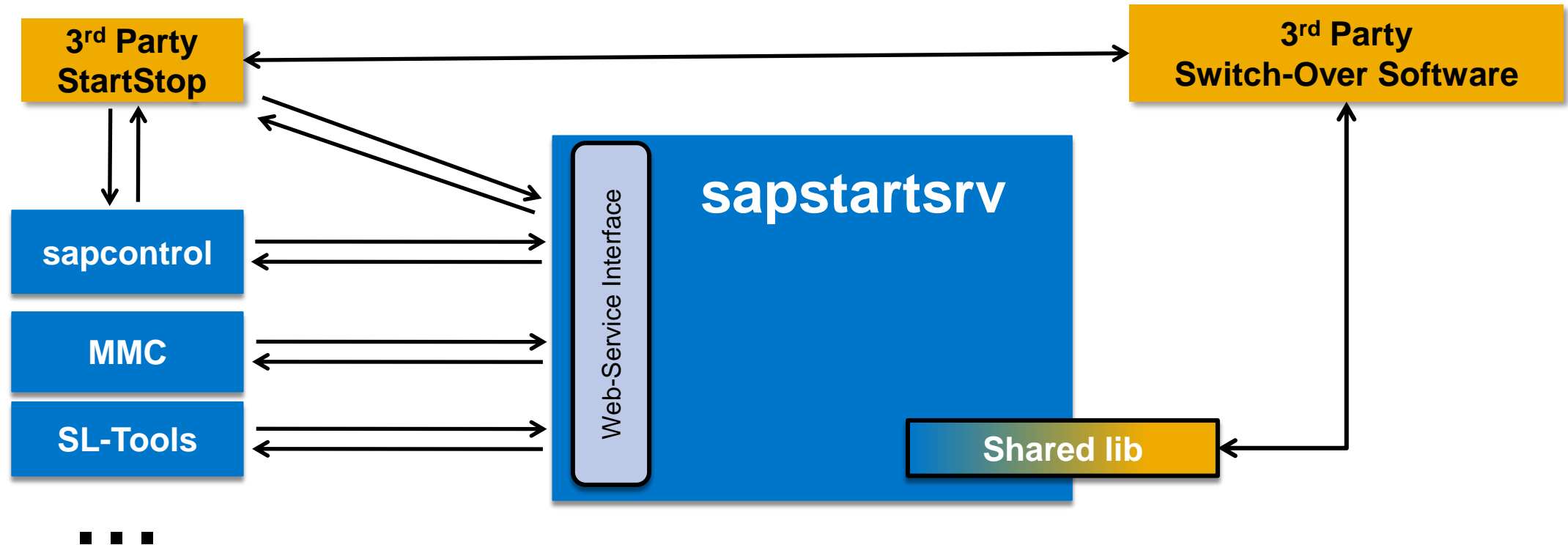
SAP System in a recommended HA-Setup



Characteristics of a recommended HA-Setup:

- Separated (A)SCS Instance
- Enqueue Replication Server in place
- (A)SCS in each dedicated Failover-Group(s) recommended, but together in one group accepted.
- sapstartsrv is part of the failover group and has to be moved as well in case of a failover
- saphostagent installed once per host and not part of the failover group
- Platform dependent SAPCPE for replication in place
- Two or more Dialog-Instances
- Database in HA-Setup (vendor specific)
- Hardware in HA-Setup (vendor specific)

SAPStartSrv: Two Important Interfaces



1. Web-Service Interface to start, stop, and monitor SAP Instances
2. Shared Lib to integrate 3rd-Party Switchover-Software

Partner-Certification for SAP HA-Interface

Roadmap Overview - Summary of Key Innovations

This is the current state of planning and may be changed by SAP at any time.





Thank You!

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