Upgrade Planning & Execution

Treat kernel and Host Agent as separate changes with clear scope, ownership and evidence.

Preparation and upgrade path

Landscape
Inventory
SID, host, instances

→

Compatibility
Select packages
Release / OS / DB

→

Change window
Update components
Approved sequence

→

Verification
Return to service
Versions and health

Controlled change sequence

1 ASSESS
Record current versions, SAP release, OS/DB platform, all instances and dependent hosts.

2 PREPARE
Confirm target packages, compatibility, archive integrity, backup and rollback plan.

3 UPDATE
Follow the applicable SAP procedure for kernel and Host Agent in the approved window.

4 VALIDATE
Check versions and services, start SAP, verify workload and monitor for regressions.

Technical coverage

AREA	CONFIGURATION / CHECK	EVIDENCE / VALIDATION
Kernel scope	Match kernel release and package set to SAP release, OS/DB platform and instance types.	Current/target levels and package inventory
Host Agent scope	Identify every host and current level; confirm supported upgrade package and access.	Host list, SAPHOSTAGENT archive and authorization
Readiness	Check disk space, permissions, backups, start/stop plan, dependent services and window.	Pre-check record, owner list and approved runbook
Kernel change	Use applicable SAP update guidance; handle instance rollout, saproot.sh where applicable.	Kernel version, execution logs and startup status
Host Agent change	Use SAP Host Agent upgrade procedure and required OS authorization for the platform.	Host Agent version and host control status

Operational note: Kernel and Host Agent packages are distinct. Confirm package compatibility, required restarts and OS-specific steps from the current SAP guides for the target system.