

System Recovery Boost: What's new on IBM z16™

Today's Availability Challenges

System Recovery Boost is all about accelerating recovery from events that can disrupt your business, cause negative impact, and delay your return to steady-state operations.

 <p>Business Disruption When you can't recover quickly from a problem, this can disrupt your business.</p>	 <p>Negative Impact These disruptions can lead to negative impacts, such as a lapse in service availability.</p>	 <p>Delayed Return to Steady-State The longer it takes to recover from problems, the higher the risk of missing your SLA's.</p>
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System Recovery Boost: New Capabilities to Maximize Availability on IBM z16

Introducing a new set of Recovery Process Boosts designed to further reduce disruption, minimize business impact, and accelerate return to steady-state operations, exclusively on IBM z16.

Middleware region startup

When a middleware region is down, it's not processing its normal share of the workload, and a backlog of work may accumulate.



Middleware Region Startup Boost

Reduce the duration and impact of starting/restarting middleware regions by accelerating startup, recovery, return to steady-state operations, and workload catch-up.

SVC Dumps

While the SVC Dump is taking place, parts of the system are non-dispatchable, which can cause disruption by creating delays in workload processing.



SVC Dump Boost

Reduce the duration and impact of SVC Dumps by accelerating the dump capture and dump write processes for faster recovery and workload catch-up.

HyperSwap® configuration load

Configuration reload can create risk of impact to workloads due to HyperSwap being unavailable during this process.



HyperSwap Configuration Load Boost

Reduce the duration and impact of HyperSwap configuration changes by accelerating the loading/reloading of HyperSwap configuration and policy information.

How it Works

- Available exclusively on IBM z16, with zero increase in IBM software licensing costs.
- Each individual boost lasts less than 5 minutes.
- Use up to 30 minutes of Recovery Process Boosts in a consecutive 24-hour period (including the Recovery Process Boosts for Parallel Sysplex® recovery).
- The three new Recovery Process Boosts for IBM z16 are supported by z/O® S 2.4 and z/OS 2.5.
- All required APARs are included in the FIXCAT for IBM.Function.SystemRecoveryBoost

The Benefits

40%

Up to 40% increased general CP processing capacity during Middleware Region Startup Boost and SVC Dump Boost.

35%

Up to 35% faster processing of transactional backlog during Middleware Region Startup Boost.

30%

Up to 30% faster catch-up on paused work during SVC Dump Boost.