

IBM PowerHA SystemMirror for i 7.5 and 7.6 - Upgrade Notes

Last updated: June 1, 2025

Primary update: Appendix is added with steps re:
upgrading on same server

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Definitions

"Brand SWMA": SWMA that is ordered/fulfilled in the Power channel (via econfig).

- Non-expiring licenses: with almost all Power Software non-expiring license purchases, one year of Brand SWMA is included with the license purchase. In the initial order, this brand SWMA can be extended: Power Software typically offers extension of years 2 through 5.

"TLS SWMA": SWMA that is ordered and contracted via Technology Lifecycle Services (TLS) via the Conga system.

- Non-expiring licenses: SWMA renewals for Power Software non-expiring licenses are done with TLS SWMA if the TLS offering is available for the software. The TLS Conga offering is available for PowerHA SystemMirror for i.

"PowerHA Previous SWMA" or **"Previous SWMA"**: in this presentation, this refers to the PowerHA for i SWMA that was acquired for PowerHA for i 7.4 or earlier. A customer could have active SWMA for PowerHA for i SWMA 7.4, 7.2, or 7.1, and in those cases, the SWMA PIDs are the same for all releases.

"PowerHA 7.5/7.6 SWMA": in this presentation, this refers to the PowerHA SystemMirror for i 7.5 or 7.6 SWMA. There is a new SWMA PIDs for PowerHA for i 7.5/7.6 (one SWMA PID applies to 7.5 and later), which is different than PowerHA Previous SWMA PIDs.

"Entitled Systems Support" or **"ESS"**: the portal where customers, and BPs on their behalf, can access and manage IBM Power, IBM Storage hardware and software and IBM Z hardware products and services. [Entitled Systems Support](#)

PowerHA SystemMirror for i 7.5 Upgrade Notes

- PowerHA SystemMirror for i 7.4 and earlier have Express (starting at 7.2), Standard, and Enterprise Editions
- PowerHA SystemMirror for i 7.5 and later is now one combined product, no editions
- Upgrades from PowerHA 7.4 and earlier Express or Standard Editions to PowerHA 7.5/7.6 will have an upgrade charge since PowerHA 7.5/7.6 is a single edition and is equivalent to Enterprise Edition
- For awareness:
 - Upgrade from PowerHA 7.4 and earlier to PowerHA 7.5/7.6 in e-config, not in ESS
 - The change in structure—i.e. new SWMA PIDs for 7.5/7.6—requires the upgrade in e-config
 - If PowerHA Previous SWMA is NOT active on the PowerHA entitlement from which you are upgrading, then order placers can a) add the after-license, then select the brand 7.5/7.6 SWMA extension (1 to 5 years) or b) get a SWMA in TLS (the ALF is automatically added)
 - E-config behavior when upgrading in the NEWSYS (also called “System Transfer”) path:
 - If PowerHA Previous SWMA is active on the PowerHA entitlement from which you are upgrading, e-config adds the PowerHA 90-day SWMA PID for \$0, then order placers can either a) select the brand SWMA extensions, or b) order the PowerHA SWMA extension with the Technology Lifecycle Services (TLS) offerings in the countries where Conga is supported.

Upgrade Notes, cont.

- The Previous SWMA is used for the upgrade. Since PowerHA 7.5/7.6 and later has a new set of SWMA PIDs, which are different than PowerHA 7.4 and earlier SWMA PIDs, here are notes regarding the upgrade:
 - When upgrading from PowerHA 7.4 or earlier to 7.5 or 7.6 on the same serial number, order placers should refer to instructions in the Appendix: Upgrade Notes for Order Placers
 - When ordering a new system and upgrading from PowerHA 7.4 or earlier to 7.5 or 7.6 in the NEWSYS path in econfig (also called “System Transfer” path):
 - If the customer has remaining PowerHA 7.4 (and earlier) SWMA that was acquired via the TLS offering, credits may be issued upon termination of the PowerHA Previous SWMA contract (if eligible per the contract). Then contact your TLS sales contact to start PowerHA 7.5/7.6 SWMA.
 - If the customer has remaining Previous SWMA that was acquired via econfig, also called “brand SWMA”, there are no refunds associated with brand SWMA. The NEWSYS order will add new PowerHA 7.5/7.6 SWMA to align with the Power Expert Care duration. If there is a substantial amount of PowerHA 7.4 or earlier brand SWMA remaining, contact [Linda Hirsch](#) or [Steve Finnes](#) for recommendations.

PowerHA 7.5/7.6 customers who need previous-release keys

For customers who are entitled at PowerHA 7.5/7.6 and have active PowerHA SWMA and need software keys for previous releases: the customer (or BP who is authorized on their behalf) can request PowerHA 7.4 or earlier keys by emailing WWSWKEYS@dk.ibm.com with subject “request for PowerHA for i previous release keys”. The Key Center will issue two-year keys for PowerHA 7.4 (or earlier) Enterprise Edition, which can be renewed if needed.

Appendix

Upgrade Notes for Order Placers

Upgrade Notes for Order Placers

PowerHA SystemMirror for i Upgrades to 7.5/7.6 on Same Server

For the scenario of upgrading PowerHA from 7.4/earlier to PowerHA 7.5/7.6 on the same Power server serial number, where there is active PowerHA SWMA (either brand or TLS SWMA) on PowerHA 7.4/earlier:

Today, when the server is a Power10 server, econfig will add PowerHA 7.5/7.6 brand SWMA to match the remaining duration of Power Expert Care on the server. IBM intends to revise the econfig behavior so that PowerHA 7.5/7.6 brand SWMA is not added for Power10 servers. (Note that the PowerHA 7.5 brand SWMA is not added when upgrading in place on a Power9 server. In the case of the Power9 server, the order placer can manually add any PowerHA 7.5/7.6 SWMA duration or decide to keep the configuration without adding any PowerHA 7.5/7.6 SWMA PID.) Until we get the change in econfig for Power10 servers, here is the workaround process. The workaround process applies regardless of whether the PowerHA 7.4 or earlier is Express, Standard, or Enterprise Edition:

- a) The distributor removes the 566x-HA1 PowerHA 7.5 PID directly in ePricer, and as justification, include the link to [PowerHA SystemMirror for i 7.5 and 7.6 Upgrade Notes](#) (or attach the PDF), especially referring to the workaround in this Appendix. This produces a valid quote which does not include the 566x-HA1 SWMA cost.
- b) The distributor submits the order to Q2C with comments "Remove PowerHA SWMA PID 566x-HA1".

Replace "566x-HA1" with the PowerHA 7.5 SWMA PID that should be removed. It will be one of these:

- 5660-HA1 - PowerHA 1 Year SWMA Registration/Renewal (5660-HA1)
- 5661-HA1 - PowerHA 1 Year SWMA After License (5661-HA1)
- 5662-HA1 - PowerHA 2 Year SWMA Registration (5662-HA1)
- 5663-HA1 - PowerHA 3 Year SWMA Registration (5663-HA1)
- 5664-HA1 - PowerHA 3 Year SWMA Renewal (5664-HA1)
- 5665-HA1 - PowerHA 3 Year SWMA After License (5665-HA1)
- 5666-HA1 - PowerHA 4 Year SWMA Registration (5666-HA1)
- 5667-HA1 - PowerHA 5 Year SWMA Registration (5667-HA1)

Upgrade Notes for Order Placers, continued

Page 2 of 2:

With the steps from the previous page, the config output and the ePricer quote will be aligned.

The comments will direct the order to Quote to Cash ("Q2C") to handle the comment, and Q2C will remove the specified PowerHA 7.5/7.6 brand SWMA.

Once this order flows to ESS, then there are no extra steps required from the customer or BP:

ESS runs a daily report to check for upgrades to PowerHA 7.5 or 7.6, then ESS takes action to...

- Delete the PowerHA 7.4 or earlier entitlement
- **If the active PowerHA 7.4/earlier SWMA is brand SWMA**, then ESS will link the PowerHA 7.4/earlier SWMA to the PowerHA 7.5/7.6 license. Once the PowerHA brand SWMA expires, a new PowerHA 7.5/7.6 TLS SWMA can be manually started (contact TLS Sales) based on the 7.5/7.6 entitlement. If an after-license fee is presented, ask TLS Sales to waive this fee.
- **If the active PowerHA 7.4/earlier SWMA is TLS SWMA** (the SWMA PID will begin with a 6, i.e. 6942-0QO), then once the PowerHA 7.4 entitlement is deleted, the TLS SWMA will automatically stop, and a credit is issued if applicable. A new PowerHA 7.5/7.6 TLS SWMA can be manually started (contact TLS Sales) based on the 7.5/7.6 entitlement. If an after-license fee is presented, ask TLS Sales to waive this fee.