

AIX version comparison

Feature	6.1	7.1	7.2
Binary compatibility	✓	✓	✓
Live Partition Mobility	✓	✓	✓
nPort ID virtualization (NPIV)	✓	✓	✓
NFSv4	✓	✓	✓
Pluggable Authentication Modules (PAM)	✓	✓	✓
Workload Partitions	✓	✓	✓
Trusted Execution	✓	✓	✓
Role-based access control (RBAC)	✓	✓	✓
Live system backup (mksysb)	✓	✓	✓
ProbeVue	✓	✓	✓
Active system optimizer	✓	✓	✓
Native POWER8 support		✓	✓
Dynamic Flash Caching		✓	✓
Versioned Workload Partitions (5.2 and 5.3)		✓	✓
Cluster Aware AIX		✓	✓
vNIC support		✓	✓
RootVG health monitoring		✓	✓
AIX Live Update for i-fixes, SPs, and TLs			✓
Dynamic System Optimizer (DSO)			✓
CAPI support			✓
RDSv3 support for RoCE			✓

Hardware system support comparison

System	AIX 6.1	AIX 7.1	AIX 7.2
POWER9	✓	✓	✓
POWER8 ¹	✓	✓	✓
POWER7	✓	✓	✓
POWER6	✓	✓	
POWER5	✓	✓	
POWER4	✓	✓	
IBM Hyperconverged Systems with POWER8 ²			✓

1. AIX is not supported on POWER8 L or LC models.

2. AIX 7.2 TL 2 with SP2, or later, is required for IBM Hyperconverged Systems with POWER8 technology

3. 7.1 Versioned WPARs are an option to run AIX 5.3 environments on POWER8.

More info:

[Detailed AIX-to-hardware mapping information >](#)
[AIX on Power hardware mode mappings >](#)

POWER processor mode support comparison

System	AIX 6.1	AIX 7.1	AIX 7.2
POWER9 ¹			✓
POWER8		✓	✓
POWER7	✓	✓	✓
POWER6	✓	✓	
POWER5	✓	✓	
POWER4	✓	✓	

1. AIX 7.2 TL2 with SP2, or later, is required for POWER9 processor mode support

More info:

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