



# Alliance Release 7.2

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# Release 7.2 Agenda

- **New features, security enhancements**
- **Release Timeline**
- **Impact points: Alliance products**
- **Migration phases**
- **Impact points: OS and hardware**
- **Release Timeline and Services Portfolio**
- **Migration Package Service Proposal**
- **Key messages**



[SWIFT Alliance user community](#)



Release 7.2



# Disclaimer

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# Why?

## Refresh OS baseline

AIX 7.2  
RHEL 7.2 / 6.7 (2020)  
Solaris 11.3  
Window 2016

## Retired Software

Alliance Messaging Hub 3.2  
Alliance Workstation  
Alliance WebStation

Mandatory  
Technology  
Refresh

+  
Security

+  
Product Evolution

+  
Supportability

Software  
modernisation

Move to 64 bit

## Retired Adapters

Alliance Gateway – WSHA / SOAP Proxy  
Alliance Access - CAS / MQSA



## What about new features?

See Final Release  
Overview

- **FileAct Enhancements**

- support file sizes up to 2 GB for both real-time and store-and-forward
- automatically resume any file transfers that were interrupted
- Elimination of Unknown status
- Use of logical file name for reconciliation purposes
- Enhanced transfer efficiency (Bandwidth usage)
- Dynamic control of concurrent file transfers

- **Strengthen Password policies further**

- Ability to mandate special characters
- Customizable list of disallowed password substrings (with a default list of 800 items)
- Password must be significantly different from previous one
- Separate password policy for operators with system configuration permissions

- **Security Best Practice Check Tool**

- Assist your internal auditor to collect the data he needs
- Links system setup with Security Guidance controls



## What about new features?

- **Named Security Officers** (Access/Entry specific)
  - Also security officers can be blocked after too many bad passwords
  - **Breaking-glass** feature to fix situations where there are no working Security Officer accounts
- **Changes in operator behaviour** (Access/Entry specific)
  - Prevent operators to **access on a given day** (based on calendar)
  - Open sessions are closed off when access time is reached
  - Configuration parameter to **prevent operator to perform two consecutive actions** (e.g. modify + enable MP)
  - Default **superkey profiles removed** during migration
  - For a lot of components we **track who changed it last**
- **Event distribution in CEF format via syslog**
  - This supports **feeding events into SIEM** systems in an easy way
  - **Each installed Access instance will have a unique identifier to distinguish events in SIEM systems**



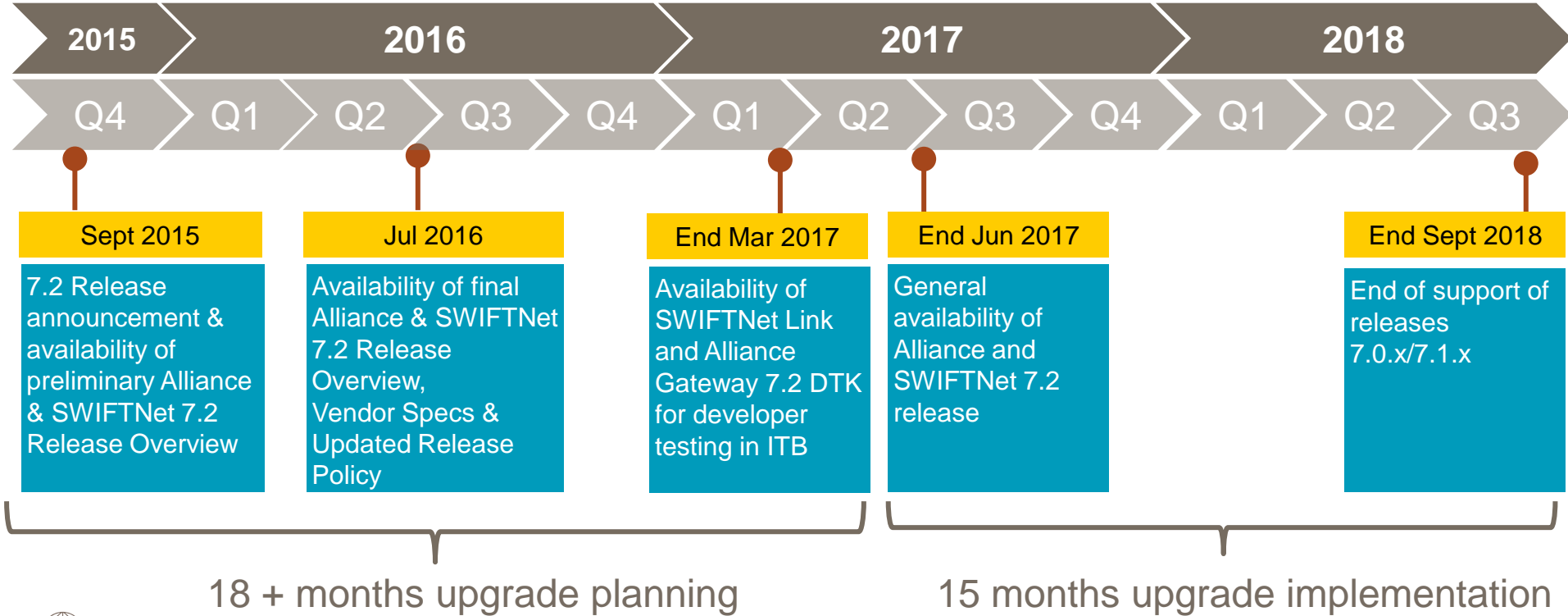
## What about security enhancements?

- **TLS 1.2 with latest crypto algorithms replaces SSL**
  - Transparent to supported browsers
  - Enforced on connections Gateway – Access – Web Platform SE
  - Also **enforced on SOAP HA** (could break backwards compatibility with back-office)
- **Reduction of need for OS root/Administrator**
- **Revamped OS hardening guide**
- **Secure by default**
  - New messages partners have LAU on, and switching off LAU is logged
- **LAU for CREST related CRFI and CRPI** (Access specific)

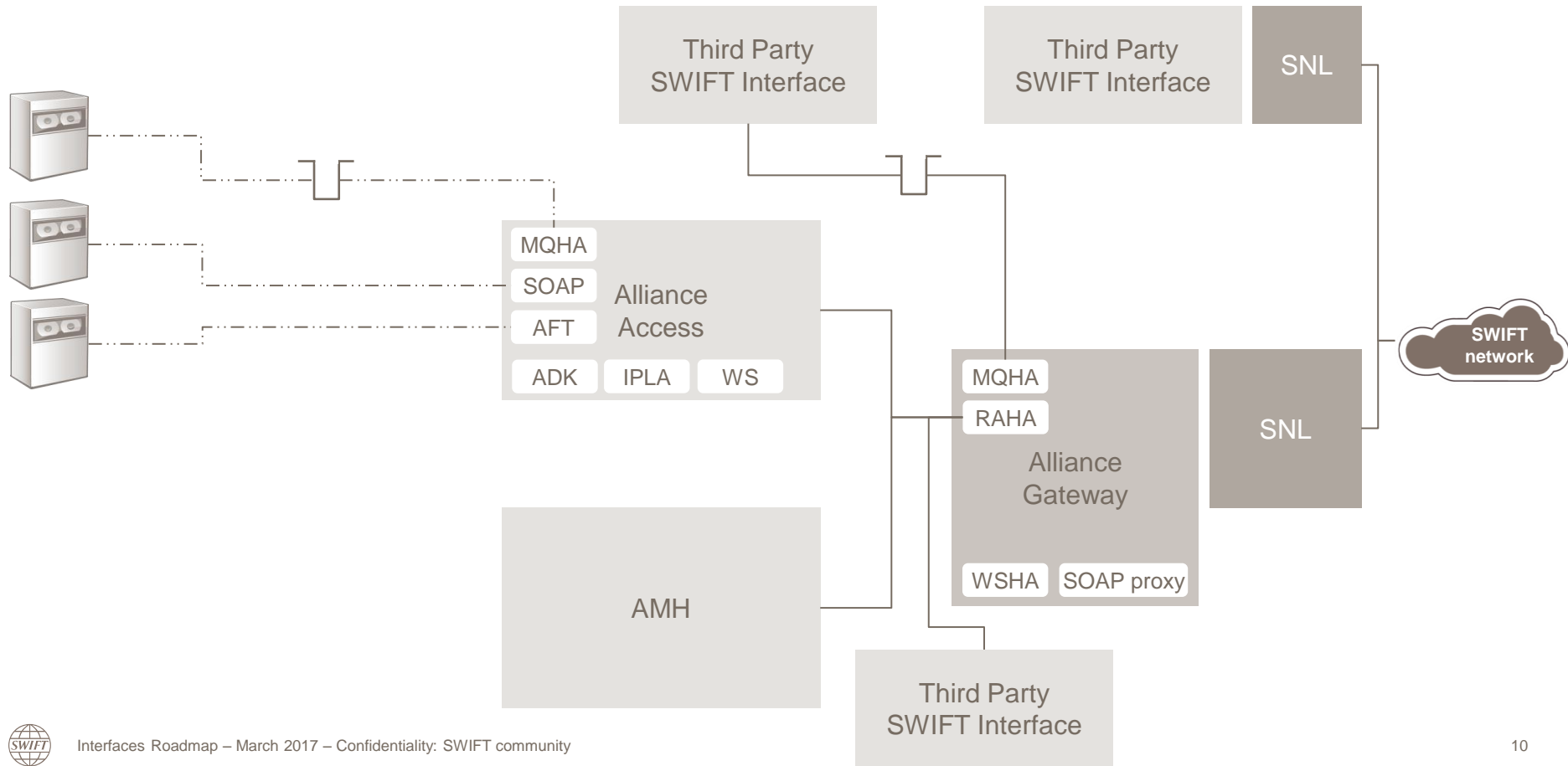




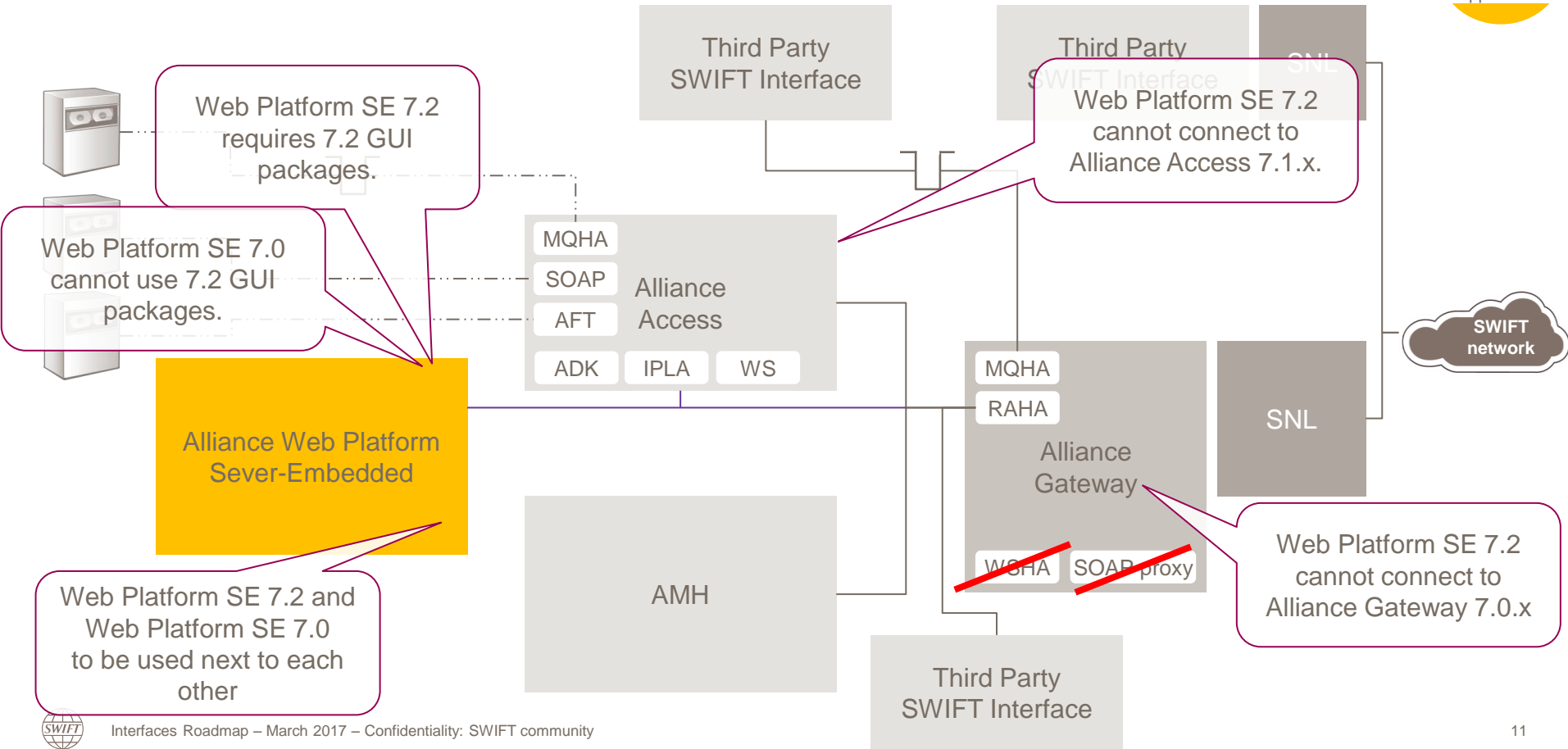
# Alliance and SWIFTNet 7.2 Release Timeline



# Release 7.2 impact points



# Release 7.2 impact points : Alliance Web Platform Server-Embedded

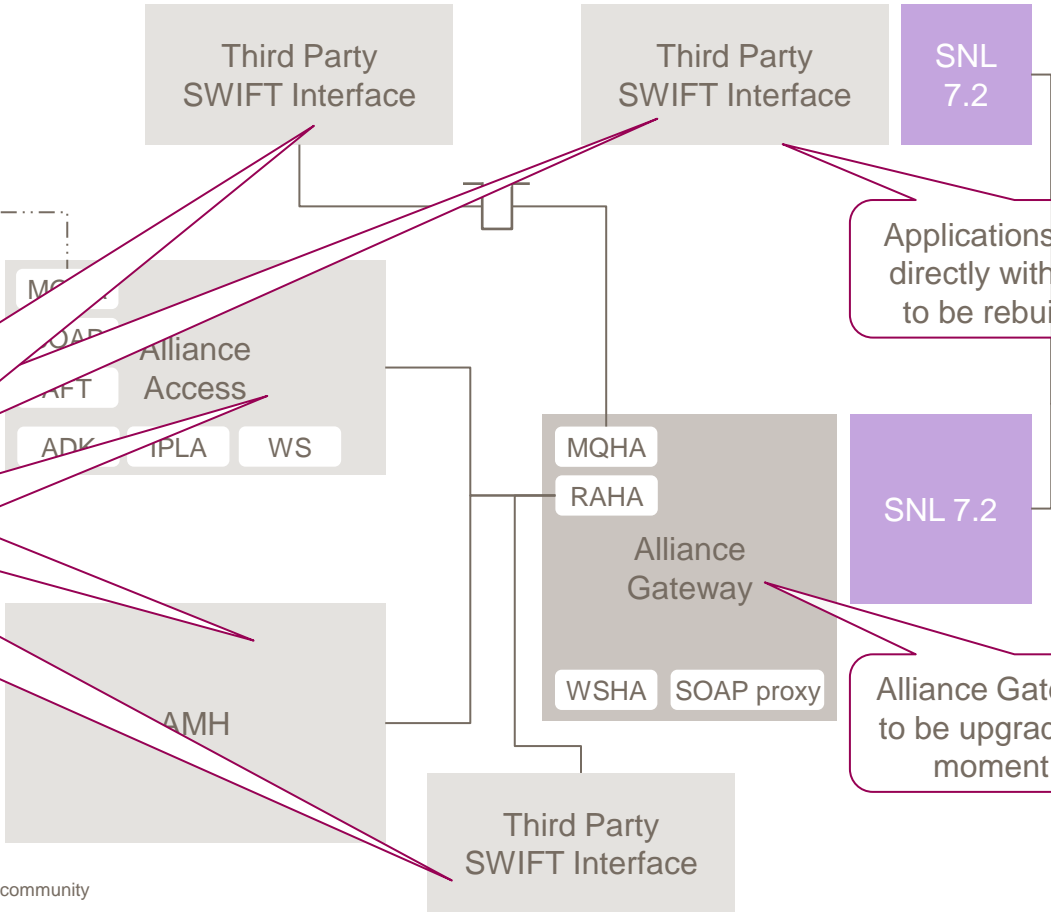


# Release 7.2 impact points: SNL moves to 64-bit



Remote File Handler 7.0.50+ in Applications using FileAct backwards compatible

Remote File Handler 7.2 is 64-bit and requires SNL 7.2

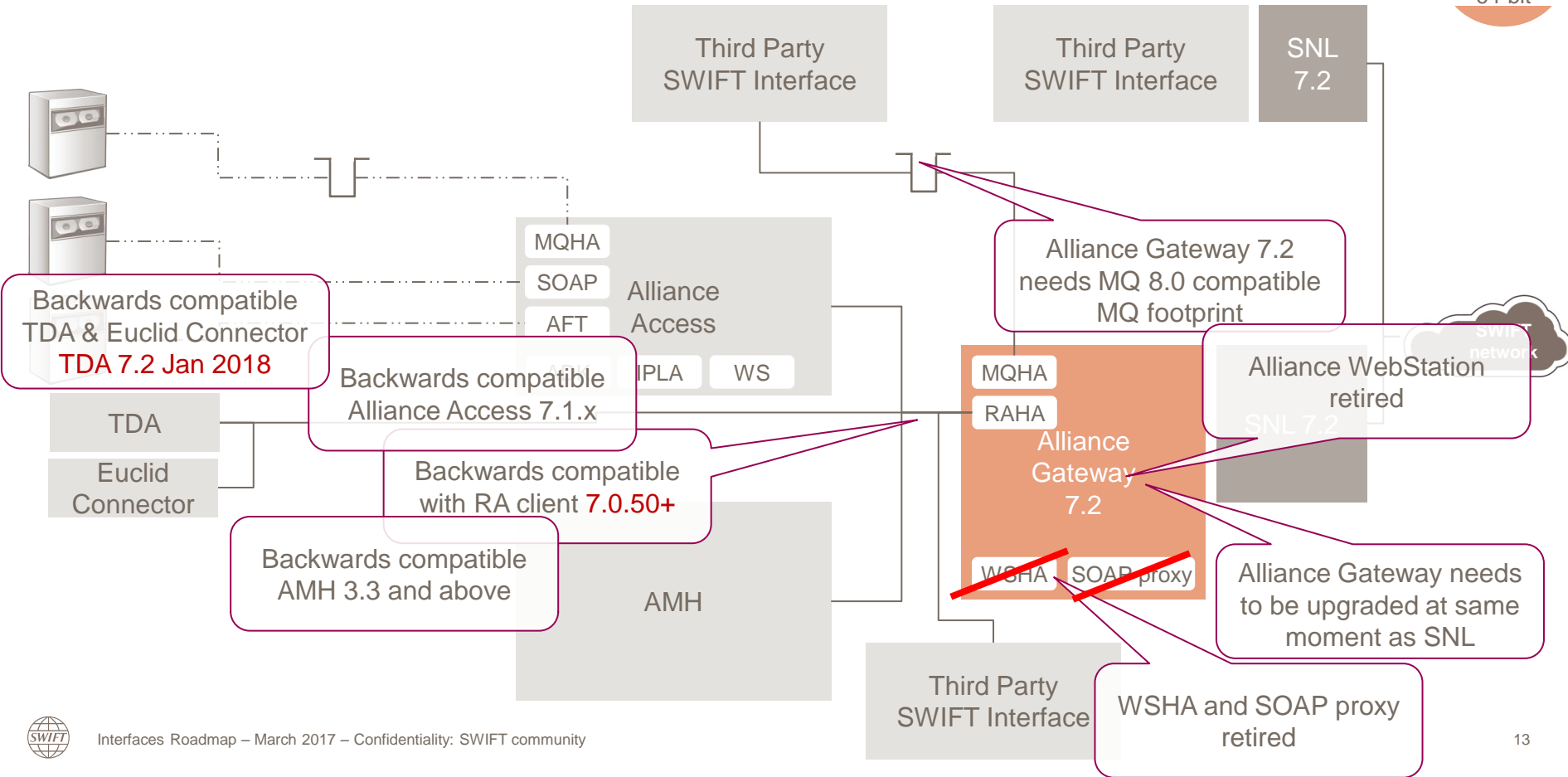


Applications interacting directly with SNL need to be rebuilt in 64-bit

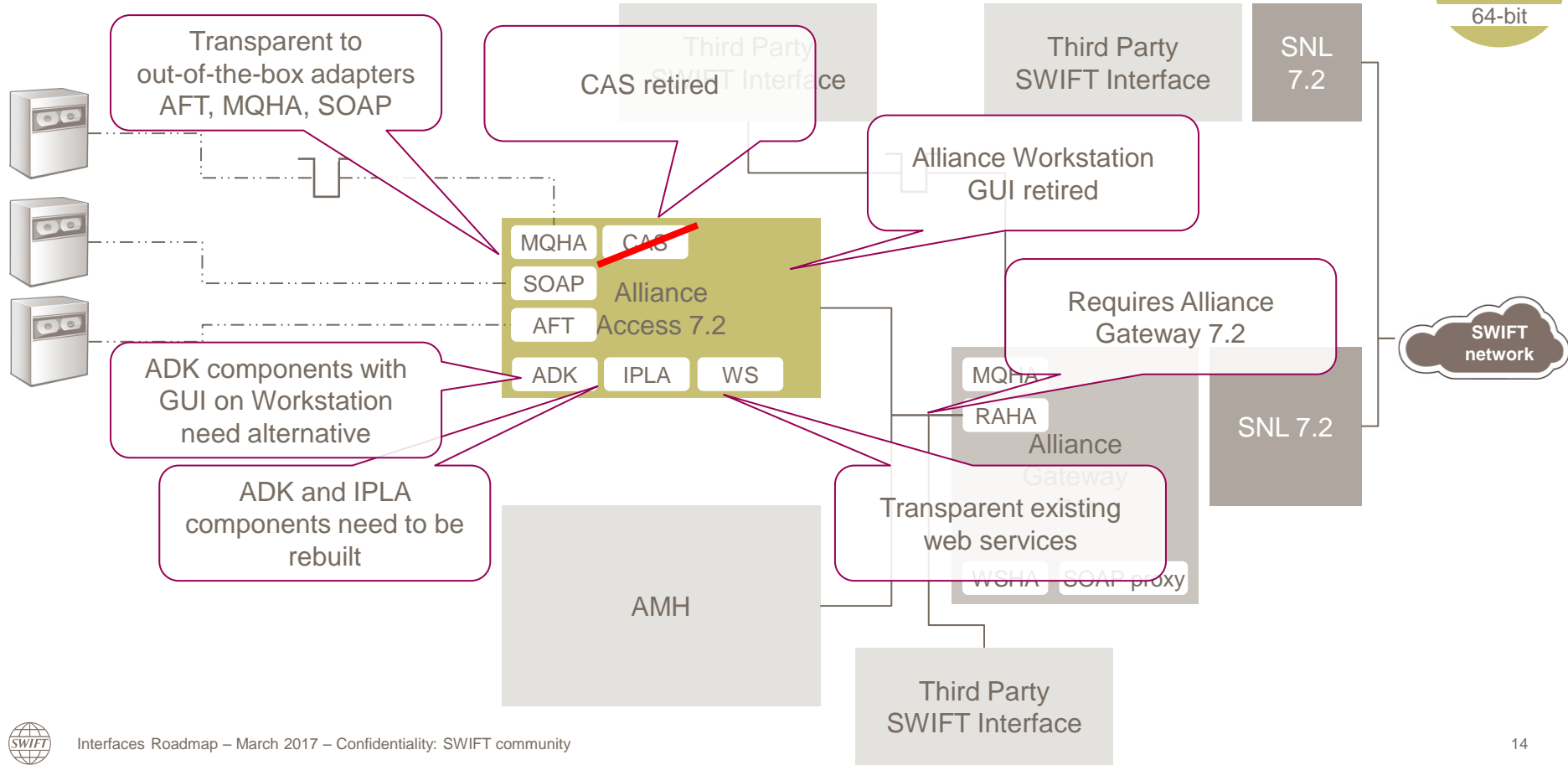
Alliance Gateway needs to be upgraded at same moment as SNL



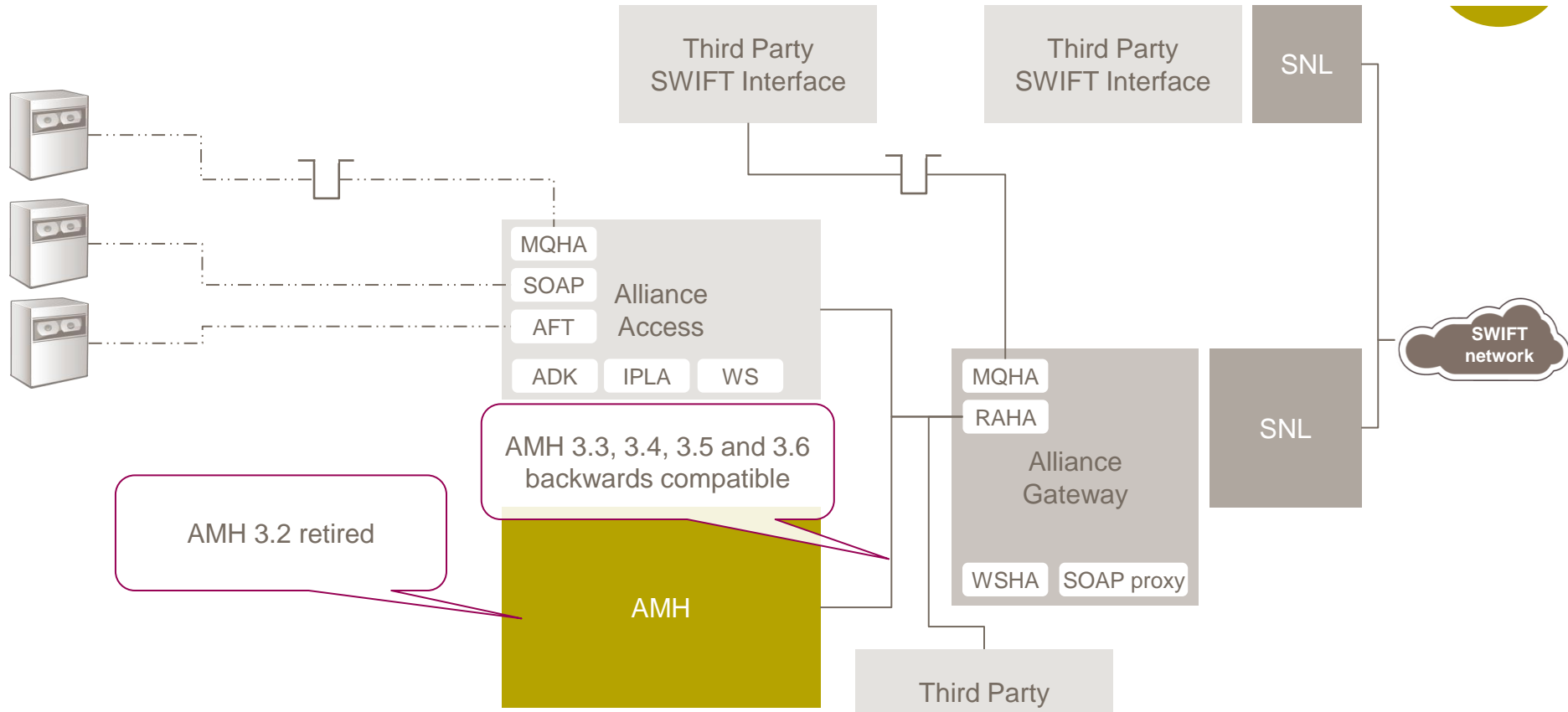
# Release 7.2 impact points: Alliance Gateway moves to 64-bit



# Release 7.2 impact points: Alliance Access moves to 64-bit

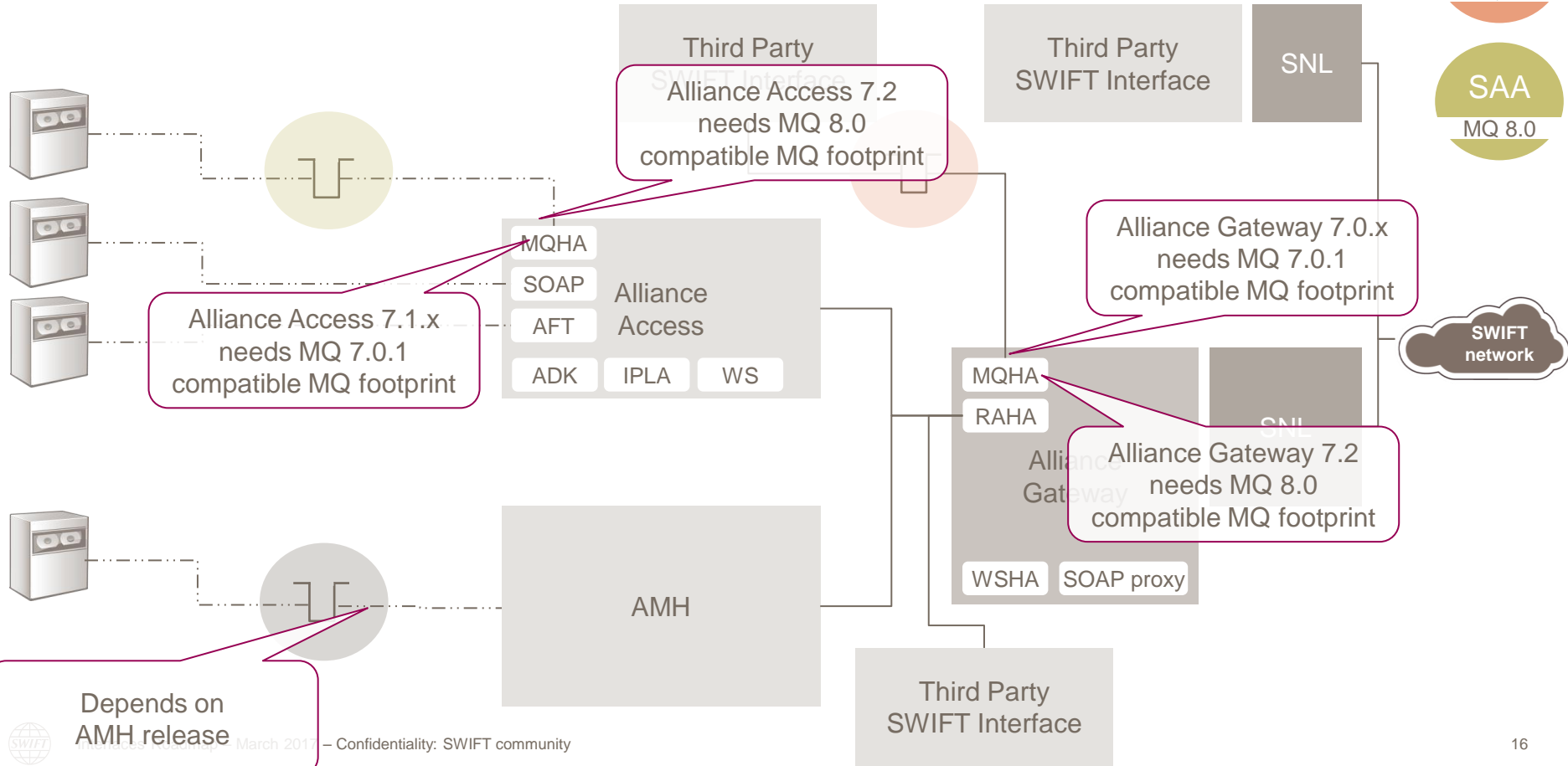


# Release 7.2 impact points: Alliance Messaging Hub compatibility



For Release 7.2, upgrading AMH is optional for AMH 3.3 or higher.

# Release 7.2 impact points: Support for IBM MQ 8.0



SAG  
MQ 8.0

SAA  
MQ 8.0

Depends on AMH release





# Migration phases for Release 7.2 ([tip 5020967](#))

Phase 0	Phase 1	Phase 2		Phase 3	Phase 4
Preparation	Upgrade your GUI	Upgrade your communication interface		Upgrade your security footprint	Upgrade your messaging interface
	Alliance Web Platform SE	SWIFTNet Link	Alliance Gateway	Hardware Security Module	Alliance Access
	Migrate from 7.0.70	Migrate from 7.0.50	Migrate from 7.0.50		Migrate from 7.1.2x



Phase 0	Phase 1	Phase 2	Phase 3	Phase 4
<p>1. Ensure the upgrade is performed in a secured environment.</p> <p>2. Read 7.2 Final Release overview.</p> <p>3. Define when and how you prefer to implement migration phases.</p> <p>4. If you use HSM tokens or HSM cards, ensure you have HSM tokens of the new model available.</p>	<p>1. Prepare Alliance Web Platform SE backup on old host.</p> <p>2. Take a full system backup on new host.</p> <p>3. Perform Alliance Web Platform SE prerequisites on new host.</p> <p>4. Install Alliance Web Platform SE 7.2 from backup file on new host.</p> <p>5. Download and verify GUI packages. (<a href="#">Tip 5020958</a>)</p> <p>6. Install required 7.2 GUI packages on new host.</p> <p>7. Take a full system backup on new host.</p> <p><a href="#">Alliance Web Platform SE 7.2 cannot connect to Alliance Gateway 7.0.x and</a></p>	<p>1. Prepare Alliance Gateway backup on old host.</p> <p>2. Prepare SWIFTNet Link backup on old host.</p> <p>3. Take a full system backup on new host.</p> <p>4. Perform SWIFTNet Link prerequisites on new host.</p> <p>5. Perform Alliance Gateway prerequisites: archive events and completed file transfers (if needed) on new host.</p> <p>6. Install SWIFTNet Link 7.2 from backup file on new host.</p> <p>7. Install Alliance Gateway 7.2 from backup file on new host.</p> <p>8. Take a full system backup on new host.</p>	<p><b>Option 1:</b> HSM tokens or HSM cards users.</p> <p>1. Recover your certificates on HSM tokens of the new model. <a href="#">SWIFTNet Link 7.2 will support only the new HSM token model ( and no HSM card model)</a></p> <p><b>Option 2:</b> HSM box users, if on version below 6.1.</p> <p>1. If you use the Remote PED, upgrade your Remote PED Workstation software to version 7.2.0.1.</p> <p>2. Upgrade your PED firmware to version 2.7.0-3 (if not available, you must set up a Remote PED Workstation for this purpose).</p> <p>3. Make sure all the SWIFTNet Links registered to an HSM box have been upgraded to the version 7.2.</p> <p>4. Upgrade your HSM boxes software to version 6.1.</p> <p>5. Start the HSM cluster only after all its boxes have been upgraded.</p>	<p>1. Prepare Alliance Access backup on old host.</p> <p>2. Take a full system backup on new host.</p> <p>3. Perform Alliance Access prerequisites on new host.</p> <p>4. Install Alliance Access 7.2 from backup file on new host.</p> <p>5. Export business data from old host Alliance Access 7.1.2x.</p> <p>6. Import business data to new host Alliance Access 7.2.</p> <p>7. Take a full system backup on new host.</p> <p><a href="#">Alliance Access 7.2 will be incompatible</a></p>

## Release 7.2 impact points: Operating System versions – server side



Release 7.0	AIX 6.1 AIX 7.1	RHEL 6.4	Solaris 10 Solaris 11	Windows 2008 R2 Windows 2012
Release 7.2	AIX 7.2	RHEL 7.2 RHEL 6.7 <sup>(*)</sup>	Solaris 11.3	Windows 2016

### Migration flow

- Take a fresh environment
- Install new OS
- Install new Alliance software
- Import configuration & business data

Applies to: Alliance Access/Entry, Gateway, Web Platform and SNL



## Release 7.2 impact points: **Operating System versions – client side**



Release 7.0	Windows 7 Windows 8.1
Release 7.2	Internet Explorer 11 Firefox ESR 52 Chrome 57 Edge

## Release 7.2: Operating system details

### Server side

**AIX 7.2 TL1 SP1**

**RHEL 6.7** (until 2020)

**RHEL 7.2**

**Solaris 11.3.7.5.0**

**Windows Server 2016**

No Nano server support

**IBM MQ Client 8.0.0.5**

**Oracle DB 12.1 and higher**

**Power HA 7.2**

### Virtualization

- Same as release 7.0
- Supported without qualification statement
- Tip 846849

### Cloud

- No commercial cloud providers qualified
- No explicit support
- Investigating

### Client side

### Windows desktop

- Chrome 54
- Edge
- Firefox ESR 57
- Internet Explorer 11



## Release 7.2: Supported application data migration

Release 7.0/7.1

AIX 6.1  
AIX 7.1

RHEL 6.4

Solaris 10  
Solaris 11

Windows 2008 R2  
Windows 2012



Supported data migration  
from release 7.0/7.1  
to release 7.2



Release 7.2

AIX 7.2

RHEL 7.2  
RHEL 6.7<sup>(\*)</sup>

Solaris 11.3

Windows 2016



Interfac

## Release 7.2 impact points: **What does this mean for my hardware**

### Consider hardware replacement if

- It has not been refreshed since release 7.0
- Normal usage moves CPU usage and/or memory usage significantly over 60%
- Hardware provider will not support the hardware on the new OS levels
- You plan significant business growth
- You plan to go from bare-metal to virtualization

Budget the same value as what you have currently running

### Consider hardware re-use if

- It is less than 2 years old
- Normal usage needs less than 30% of CPU and memory
- Hardware is explicitly supported by new OS levels
- Message volumes are declining

Reference hardware will be provided when software is released

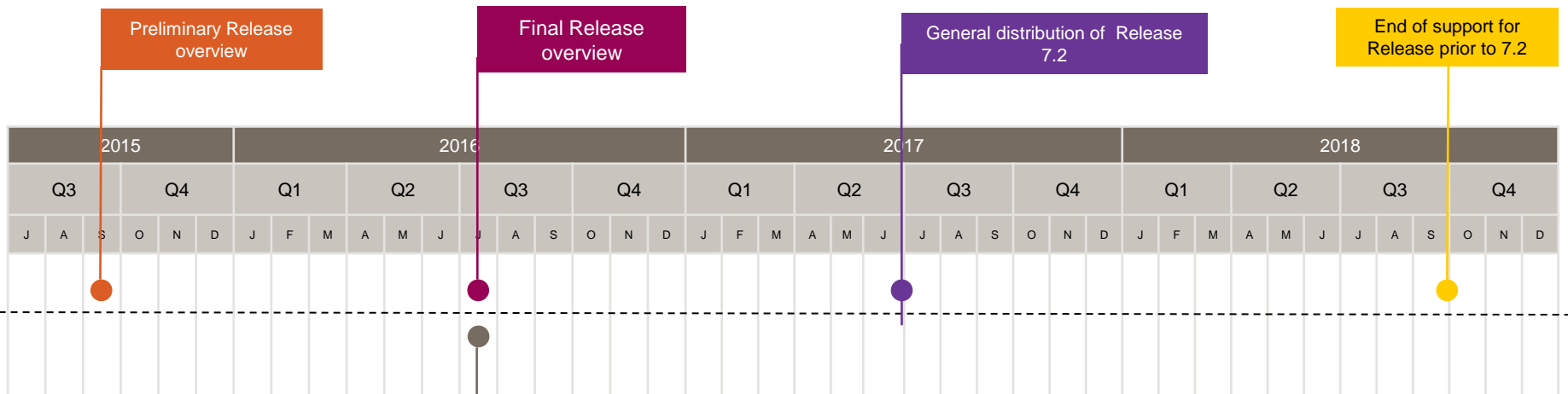


## Pre-requirements actionable today:

- **Also update Remote API (RA) or Remote File Handler (RFH) to 7.0.50 if you use it**
- **Activate TLS 1.2**  
(see tips [5020793](#), for RFH [5021181](#), and for RA [5021070](#))
- **HSM updates can already be deployed or planned after release 7.2**
- **Get your environment and staff ready for the news OS levels**  
(AIX 7.2, RHEL 7.2, Solaris 11, Windows Server 2016)
- **Get the plans from third-parties that impact your environment**  
(ADK components, IPLA components, Browse Services, MQ Client)



# Release 7.2 Timeline and Services portfolio



## Technical Advice

- Architecture reviews
- Operational Excellence
- TCO Analysis
- Sourcing Study

## Implementation Services

- Interfaces
- Field Services
- Linux migration
- System Care

## Support Services

- Support Packages
- Support Options
- Health Check
- Remote Support

## Training Services

- SWIFTSmart
- Tailored Training





## R7.2 Migration package - Service Proposal

1. Project preparation	1.1 Sanity Check
2. Upgrade services	2.1 End-to-End project assistance
	2.2 Migration Services
3. Training services	2.3 Implementation of mandatory changes prior to the migration
	3.1 User Training on Alliance Web Platform GUI Interfaces
4. On-going maintenance	4.1 System Care / Local Support
	5.1 Operational Security review
5. Advisory services	5.2 Architecture review



R7.2 packages + pricing	Basic Migration package	Migration package + System Care
<b>Project Preparation</b> Sanity Check	✓	✓
<b>Migration Services</b> End-to-End Project Assistance + Migration Services	✓	✓
<b>Ongoing Maintenance</b> System Care \ Local Support		✓
For pricing, please contact your SWIFT Account Manager		



## Key messages

- Migration deadline (September 2018) approaches fast
- *Follow the eLearning course [Release 7.2: Plan your Project](#) which is available on the [Release 7.2](#) page on SWIFT.com*
- Read the [Final Release overview and updated Release Policy](#)
- Build a project team
- Assess impact, plan and request budget
- If you use WebSphere MQ, check with your environment team on MQ 8 readiness
- Share major concerns with SWIFT product management  
[Interface.changes@swift.com](mailto:Interface.changes@swift.com)
- Exchange views with peers on LinkedIn: SWIFT Alliance user community







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