

Document control

Date	ActiveServer Version	Documentation Version	Change Details
06/06/23	2.0.16	2.0.16:1	• Updated the Release notes • Updated a broken link in Error Codes page • Updated the Java command for Outbound Proxy Settings to include password configuration
27/04/23	2.0.15.1	2.0.15.1:1	• Updated Release notes for ActiveServer v2.0.15.1
20/03/23	2.0.15	2.0.15:1	• Updated Release notes for ActiveServer v2.0.15
16/12/22	2.0.14	2.0.14:1	• Updated Release notes for ActiveServer v2.0.14
01/12/22	2.0.13	2.0.13:1	• Updated Release notes for ActiveServer v2.0.13
07/11/22	2.0.12	2.0.12:1	• Updated Release notes for ActiveServer v2.0.12
18/10/22	2.0.11	2.0.11:1	• Updated Release notes for ActiveServer v2.0.11 • Added Second Level Card Range Cache to Deployment Options
28/07/22	2.0.10	2.0.10:1	• Updated Release notes for ActiveServer v2.0.10
18/07/22	2.0.9	2.0.9:1	• Added a note for current MySQL users related to the JDBC driver • Updated the list of compatible versions for each database • Added details for the new override parameters Merchant Name Card Schemes • Added description for the Challenge success rate in Challenge the dashboard • Updated the code in the following sections to include changes threeDSSessionData • Continue challenge process • Process 2: Execute Authentication

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14/04/22	2.0.8	2.0.8:1	- Updated the Memory in the Prerequisites table in the Quickstart - Added Deployment options to the Quickstart guide - Added Frontrunner/Sidecar Deployment to the Quickstart guide - Added <code>cardScheme</code> parameter field to auth/brw/init, auth/3ri and auth/3ri/brw/init - Added <code>threeDSRequestorTransId</code> parameter field to the auth/3ri/brw/init - Updated the minimum Oracle version supported by ActiveServer
01/03/22	2.0.7	2.0.7:1	- Updated the following sections of the document to include Req Collection (RBC) details: Authentication Processes Authentication Sequence Front-end implementation (v2) Back-end implementation (v2) - Added RBC to the Glossary - Updated the Create a new Merchant API, status has a default value
19/01/22	2.0.6.2	2.0.6.2:1	Added a warning dialogue to the Master Auth API client certificate
07/12/21	2.0.6	2.0.6:1	- Updated the View Transactions guide with 3DS1 transaction table - Updated the Auth API docs with the following changes: - Added <code>VERes_CH_enrolled</code> to the 3DS1 auth response - Added <code>callbackURL</code> response fields to the <code>callbackUrl</code> field request - Fixed a formatting issue in 3RI API which caused the <code>message</code> unclear. PA transactions are only available from Message Version - Added further description to the <code>trans-type</code> field in the /auth/3ri/brw/init
21/09/21	2.0.5	2.0.5:1	- Updated the View Transactions guide with the Device Channel, 3DS Requestor Trans ID filters - Updated the Dashboard guide with the UTC toggle function - Updated the Manage merchant guide with new merchant tab settings - Updated the DB2 Quickstart guide with a note on recommended - Updated the Auth API docs with the following changes: - Added the priorAuthenticationInfo field and removed the priorAuth field from Auth API requests - Added further descriptions to the merchantId, provisionAttempts, txnActivityDay, txnActivityYear, purchaseInstalData and giftCard fields in Auth API requests

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02/07/21	2.0.4	2.0.4:1	- Updated the Auth API docs with the following changes: - Added the 3DSMethodHasError event information to the event <code>brw/init</code> - Added the forceMessageVersion field to <code>/auth/brw</code> - Added the amexDsTransID field to <code>/brw</code> and <code>/brw/result</code> - Updated the authenticationType field with value 92 for <code>/brw</code> - Added the 3DS1 integration guide to assist SaaS users with 3D - Updated the Authentication Sequence with details for the 3DSM - Updated the Error codes guide with Error Code 1000
11/05/21	2.0.3	2.0.3:1	- Updated the ActiveMerchant migration guide to include steps for merchant migration - Updated the system security settings with the new API security merchant override" and "Skip Enrol API merchant validation" - Updated the 3DS Requestor v2.2.0 upgrade guide with a note regarding message version downgrade logic - Updated the View Transactions guide with 3DS 2.2.0 values for <i>Transaction Status Reason</i>, <i>Authentication Type</i> and <i>3DS Requestor</i> - Updated the Auth API docs with the following changes: - Added the merchantOverride field to the <code>/auth/brw</code> API - Added note regarding "Skip merchant validation" to the <code>/auth</code> - Removed the threeDSRequestorTransID field from the <code>/auth</code>
01/04/21	2.0.2	2.0.2:1	- Updated the Error codes guide with additional User Error Codes - Updated the FAQ with a note on the <code>InitAuthTimedOut</code> event
01/03/21	2.0.1	2.0.1:2	Updated code sample in the Frontend v2 guide for the challenge
01/02/21	2.0.1	2.0.1:1	- Added the APIV2 migration guide to the system settings page - Added a note to the Quickstart guide regarding MSSQL default

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25/11/20	2.0.0	2.0.0:1	• Added the EMV v2.2.0 migration guide, detailing the features as well as how to upgrade the 3DS Requestor to send EMV 2.2.0 messages • Added the 3DS Server Reference number override, PReq message override and JVM memory override sections to the Quickstart guide • Added warnings to the Merchant certificate and User certificate sections regarding the 2 year expiry of client certificates • Updated the Auth API docs with the following changes: • Added all new EMV v2.2.0 fields to API requests and responses with a [From V2.2.0] note • Updated the Enrol API with newly added <code>supportedMessageTypes</code> and <code>acsInfoInd</code> fields • Updated the <code>authenticationType</code>, <code>acsInfoInd</code>, <code>transType</code> scheme specific values • Added the <code>messageExtension</code> and <code>challengeWindowSize</code> fields • Updated the Frontend v2 guide including 3DS method timeout updates and <code>_onInitAuthTimedOut</code>, updated sample requestor code for decryption and additional information on API options including challengeWindowSize • Updated the Backend v2 guide with updated sample requestor authentication • Updated the Sample code features including how to set the EMV version and adding support for disabled javascript environments and additional options including challengeWindowSize

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10/09/20	1.4.0	1.4.0:1	- Updated the Integration guides with the new features for v1.5 of Requestor code, including selecting the DS profile to test with an testing - Added the new Health check API documentation - Updated the Manage Merchants and User profile guides with download certificate functionality - Updated Compatible database versions for Amazon Aurora PostgreSQL (later) - Updated the Database settings of the Quickstart guide with the <code>size=</code> setting - Updated the Prerequisite system requirements to more clearly outline and database recommendations - Updated the Error codes guide with UnionPay specific codes - Updated the Manage DS settings guide with new 3DS Server UI - Added a note regarding <code>max_packet_size</code> for MySQL database - Updated the Auth API docs with the following changes: - Added newly supported DS reserved values for 3DS requests - Updated the Admin API with the following changes: - UnionPay added to provider fields - Trans API was changed to POST - Merchant certificate export API changed to .zip response - Error responses were added
13/07/20	1.3.5	1.3.5:2	Removed the "Card not enrolled" scenario from the TestLabs guide deprecated
26/06/20	1.3.5	1.3.5:1	- Added a View DS card ranges guide outlining the new card ranges - Updated the Manage DS settings guide with details on the new profiles and the new Cache update toggling feature - Added a DS Profiles guide for setup and configuration of DS Profiles - Added Trans-type override setting section detailing how to override required
26/05/20	1.3.4	1.3.4:1	- Updated the Using the dashboard and View transactions guides using the Transaction Type filters for Production and TestLabs D - Updated the TestLabs guide with additional Discover test cards - Updated the Quickstart guide AWS Secret Manager access per

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14/05/20	1.3.3	1.3.3:1	- Updated the Upgrade guide with important information relating ActiveServer to v1.3.3 - Updated the Quickstart guide with the new TestLabs Directory - Updated the Configure system settings guide with the new Max information - Updated the Quickstart guide with the new Amazon Secrets Manager - Added a FAQ section with details on how to enable ActiveServer system - Updated the v1 and v2 back-end integration guides with usage parameter to use TestLabs or Production DS profiles - Updated the Manage DS settings guide with a note on disabling messaging - Updated Quickstart guide email server settings with the <code>as.mail</code> - Updated the Auth API docs with the following changes: - Added the trans-type parameter query to APIs which require if the API request should go to TestLabs or production DS - Added additional information about the eventCallbackUrl to API calls - Added additional information to the all the Auth API descriptions
30/03/20	1.3.2	1.3.2:1	Updated Release notes for ActiveServer v1.3.2 changes
18/03/20	1.3.1	1.3.1:1	- Updated the Quickstart guide with instructions for Disabling local - Updated the Configure system settings guide and Manage DS settings with important information regarding URL validation added in v1.3.1
02/03/20	1.3.0	1.3.0:2	- Added more descriptions and common solutions for each error - Updated Auth API document to add more descriptions for the endpoints
07/02/20	1.3.0	1.3.0:1	- Added the API migration from v1 to v2 guide detailing the changes from Auth API v1 to v2 - Updated the Integration overviews and Integration guides, including documents for v2 and v1 integrations and updating the Sample code Directory tree guides - Updated the Auth API reference document with the new Auth API and updated the API document overview with an Auth API reference API version endpoints - Added information to the View transactions guide regarding change and PAN search functionality - Added the Log settings and KMS sections to the Quickstart guide - Added application error code mapping to the HTTP status codes

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22/11/19	1.2.2	1.2.2:1	Updated Quickstart guide with warnings about the use of HTTP ports
15/11/19	1.2.1	1.2.1:1	Updated Release notes for ActiveServer v1.2.1 changes
01/11/19	1.2.0	1.2.0:1	- Added the ActiveMerchant migration guide for importing merchant ActiveMerchant - Updated the Configure system settings guide to add the Admin - Updated the Configure system settings and Manage DS setting removal of global timeout settings and re-arrangement of settings - Updated the Quickstart HSM section with a note regarding HSM - Added note in the Merchant Merchants guide regarding require name and Merchant ID to be unique - Added note in the Quickstart guide regarding escape character keystore paths
27/09/19	1.1.4	1.1.4:1	Updated the External URL notes section for the new 3DS Serve
20/09/19	1.1.3	1.1.3:1	Updated Release notes for ActiveServer V1.1.3 changes
19/09/19	1.1.2	1.1.2:1	- Updated the Manage Merchants and User profile guides with the Auth API client certificate functionality. A description of the implementation can be found in the Auth API Authentication and Demo 3DS Requestor - Updated the Auth API with the new challenge status endpoint. The implementation can be found in the front-end, back-end and dev pages - Updated Manage Merchants guide for new BIN assignment functionality - Updated the Auth API with the following changes: - Added dsTransID and messageVersion to API responses for channels - Updated the Admin API with the following changes: - Managing Acquirer BINs via the Admin API now uses string ' ' of Acquirers in the system. As such, the Acquirer Admin API endpoint removed - Changed the Admin API endpoints for Merchants (certificate rotate) and removed unused parameters from request and response - Removed the Admin API endpoints for settings - Updated View ActiveServer Information for new View EULA button - Removed the CRes and ACS method timeout settings

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30/08/19	1.1.1	1.1.1:1	- The Guides > Integration section has been rewritten to match the GPayments 3DS Requestor sample code available on GitHub. No examples for multiple backend languages (Java, C#, PHP and Go) or Browser, 3RI and Enrol endpoints - Added a TestLabs guide detailing TestLabs usage and available endpoints - Added an optional merchantName field to the authentication API name in a merchant profile to be overridden for AReqs - Added DB2 and PostgreSQL connector examples to the Quickstart alternative JDBC url example to MSSQL - Added a section to the API document overview, Converting P12
16/08/19	1.1.0	1.1.0:1	- Added supported web browsers to the Quickstart guide - Updated the Manage DS Certificates guide with information on how to be used in ActiveServer as well as newly introduced CSR management - Updated Quickstart guide with details on setting TLS version - Updated compatible database versions for PostgreSQL (add 8.4, 9.4, 10.4, 11.1 and later) - Added instructions to change session timeout setting - Updated the /api/v1/auth/app/{messageCategory} API example with sdKephemPubKey attribute being an object and updated the same - Updated Manage DS Settings guide to reflect new optional PRE added
16/07/19	1.0.5	1.0.5:2	Added functionality to choose documentation version and language downloading the documentation as PDF
04/07/19	1.0.5	1.0.5:1	- Updated the Manage merchants guide with details of CA certificate - Updated purchaseCurrency and purchaseAmount descriptions - Updated /api/v1/auth/3ri API request to require a {messageCategory} - Updated system labels for Directory Server > Settings > External URL (previously External URL), Directory Server > Settings > HTTP (previously HTTPS callback port), Settings > 3DS2 > API URL (previously API URL) - Updated the test card number used for challenge authentication
07/06/19	1.0.4	1.0.4:2	- Updated the API document overview to include field condition and the Front-end implementation and Step-by-step guides to reflect Requestor demo code on GitHub - Updated BaseMerchantProvider object used in /api/v1/admin/acqBinId only

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31/05/19	1.0.4	1.0.4:1	- Added a new Settings > HSM section, explaining how to use the functionality - Updated Quickstart document with additional information for using Keystore as the system keystore, including using IAM roles
30/05/19	1.0.3	1.0.3:2	- Updated Quickstart document with MS SQL sample properties - Updated compatible database versions for MySQL (add Amazon RDS 5.7, 5.6, 5.5, 5.1, 5.0, 4.8, 4.7, 4.6, 4.5, 4.4, 4.3, 4.2, 4.1, 4.0, 3.23, 3.22, 3.21, 3.20, 3.19, 3.18, 3.17, 3.16, 3.15, 3.14, 3.13, 3.12, 3.11, 3.10, 3.9, 3.8, 3.7, 3.6, 3.5, 3.4, 3.3, 3.2, 3.1, 3.0, 2.8, 2.7, 2.6, 2.5, 2.4, 2.3, 2.2, 2.1, 2.0, 1.8, 1.7, 1.6, 1.5, 1.4, 1.3, 1.2, 1.1, 1.0, 0.9, 0.8, 0.7, 0.6, 0.5, 0.4, 0.3, 0.2, 0.1) and MS SQL (add 2008 R2, 2012, 2014, 2016)
27/05/19	1.0.3	1.0.3:1	- Updated the API document overview with details on how to do API calls and access Administration APIs using .X509 authentication - Updated the User profile guide with details of certificate download - Updated the Enrol API result description with details of the enrol API
24/05/19	1.0.2	1.0.2:1	- Added support for MSSQL 2017 - Updated Quickstart document with new default DS port number supported Oracle DB version to 11g - Updated Logging section to reflect new log file format (as.yyy) - Added the Upgrade instance guide - Updated the Activate instance document, as MyAccount no longer requires External URL during server registration
08/05/19	1.0.0	1.0.0:4	Added data elements overview to the Activate instance guide
03/05/19	1.0.0	1.0.0:3	Restructured the old Authentication Integration section into multiple sections, adding more information to assist in explaining the integration process, along with a high level overview set of documents, along with the step-by-step guides under the Guides > Integration heading
30/04/19	1.0.0	1.0.0:2	Minor updates to fix broken links
18/04/19	1.0.0	1.0.0:1	Initial release