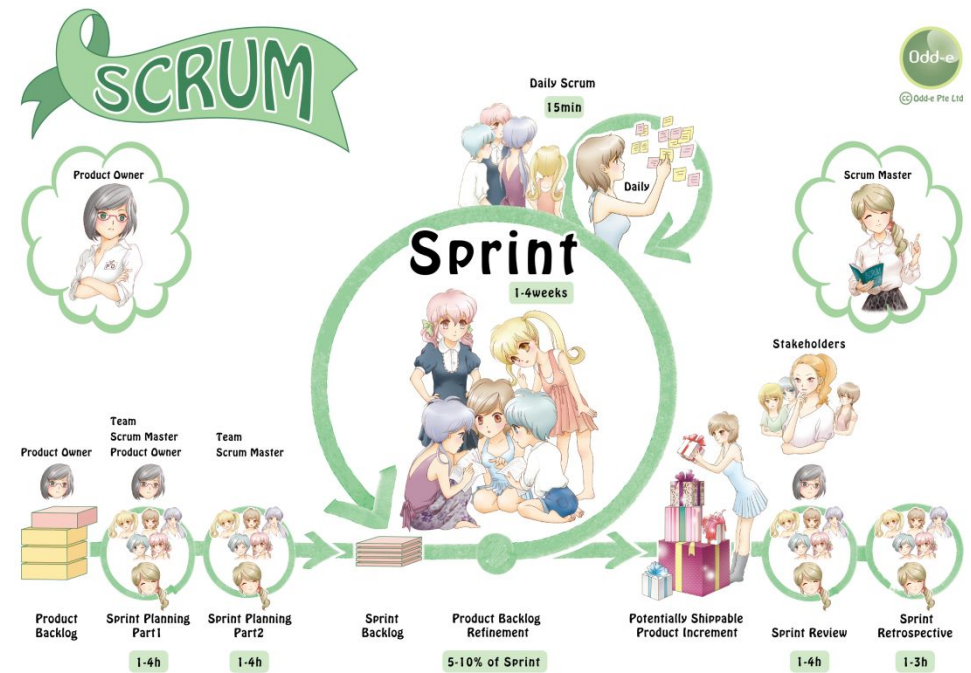


# Agile процесс в действии: неутолимая жажда активности



# Паттерны проектирования и анализ требований



- Разработка требований: выявление, анализ, спецификация, проверка
- Понятие стейкхолдера, пользовательских историй, функциональные и нефункциональные требования, принцип декомпозиции
- Управление требованиями: приоритезация, разрешение взаимоисключений, через коммуникацию с пользователем

# Tools



Jira (planning, issue tracker)  
Confluence (wiki, specification docs)  
VCS (git – version control system)  
Jenkins (continues integration)

**GitHub**





# Jira

The screenshot displays a Jira Team Scrum Board for 'Sprint 3'. The board is organized into four columns: 'To Do', 'In Progress', 'In Review', and 'Done'. Each issue card includes a key (e.g., TIS-28), a title, a priority indicator (upward arrow), a assignee's profile picture, and a count of sub-tasks (e.g., 5). The 'In Review' column features a yellow highlight on issue TIS-58. The top navigation bar includes 'Dashboards', 'Projects', 'Issues', 'Agile', 'More', and a 'Create Issue' button. A search bar and user profile are also visible.

**Team Scrum Board**

SPRINT: Sprint 3 - QUICK FILTERS: Product UI Server Only My Issues Recently Updated

Plan Work Report Board

To Do	In Progress	In Review	Done
<ul style="list-style-type: none"><li><b>TIS-28</b> ↑ Research options to travel to Pluto (5)</li><li><b>TIS-8</b> ↑ Requesting available flights is now taking &gt; 5 seconds</li></ul>	<ul style="list-style-type: none"><li><b>TIS-27</b> ↑ Add Phobos and Deimos Tours as a Preferred Travel Partner (8)</li><li><b>TIS-10</b> ↑ Bad JSON data coming back from hotel API</li><li><b>TIS-25</b> ↑ Engage Jupiter Express for outer solar system travel (5)</li><li><b>TIS-20</b> ↑ Engage Saturn Shuttle Lines for group tours (3)</li></ul>	<ul style="list-style-type: none"><li><b>TIS-58</b> ↑ Add feedback button to the plugin sample code</li><li><b>TIS-45</b> ↑ Email non registered users to sign up with Teams In Space (2)</li></ul>	<ul style="list-style-type: none"><li><b>TIS-9</b> ⊘ After 100,000 requests the SeeSpaceEZ server dies</li><li><b>TIS-16</b> ↑ Establish relationship with local office supplies company (3)</li><li><b>TIS-7</b> ↑ 500 Error when requesting a reservation</li><li><b>TIS-11</b> ↑ Register with the Mars Ministry of Labor (2)</li></ul>

# Confluence

The screenshot shows a web browser window with the URL `http://confluence.atlassian.com - Adding SSL for Secure Logins and Page Security - Confluence Docs 3.1 - Atlassian Documentation - Confluence`. The page title is "Adding SSL for Secure Logins and Page Security". The breadcrumb navigation is "Dashboard > Confluence Docs 3.1 > ... > Security > Adding SSL for Secure Logins and Page Security". The user is logged in as "Giancarlo Lionetti [Atlassian]".

**All Versions**

- Confluence 3.2.x
- Confluence 3.1.x
- Confluence 3.0.x
- More...

**Confluence 3.1 Documentation**

Search


- [-] Confluence Administrator's Guide
  - [+] Administration
  - [+] Configuring Confluence
  - [+] Confluence and JIRA
  - [+] Confluence Clustering Overview
  - [+] Confluence Security
  - [+] Design and Layout
  - [+] Importing Data
  - [+] Installing Plugins and Macros
  - Operating Large or Mission-Critical Confluence Installations
  - [+] Performance Tuning
  - Scheduled Jobs
  - [+] Search
  - [-] Security
    - Adding SSL for Secure Logins and Page Security**
    - Anonymous Access to Remote API
    - Confluence Cookies
    - Enabling or Disabling Public Signup
    - Hiding External Links From Search Engines
    - Hiding the People Directory
    - [+] Managing External Referrers
    - Spam Prevention via Captcha


**This documentation relates to an earlier version of Confluence.**  
View [this page in the current documentation](#) or visit the [current documentation home](#).

## Adding SSL for Secure Logins and Page Security Tools ▾

Added by David Loeng, last edited by Andrew Lui [Atlassian Technical Writer] on May 16, 2010 (view change)

This document describes how to configure Confluence Stand-Alone or WAR file using Tomcat to use a HTTPS encrypted secure socket layer for user logins and page data.

 Please note, these instructions only apply to **self-signed certificates**. If you are trying to install a third-party certificate, you will need to refer to the instructions provided by the authority that issues the certificate instead.

 For other Application Servers, or if using Apache HTTPd Web Server, see [Using Apache with mod\\_proxy](#) for instructions on how to terminate an SSL connection at Apache Web Server.

Unencrypted confidential data within Confluence may be intercepted by an attacker. To secure user logins, you can enable access via HTTPS (HTTP over SSL), and require its use for pages where passwords are sent. In some cases where issue data is sensitive, all pages can be set to be accessed over HTTPS.

Enabling SSL access is different for each application server, but specifying which pages to require protection for is generic. This document is specific to Tomcat, the default application server shipped with Confluence.

On this page:

- [Adding Secure User Logins](#)
  - [Creating A New SSL Certificate](#)
  - [Verify the Certificate is in the Correct Location](#)
  - [Specifying URL Patterns to be Redirected](#)
- [Troubleshooting](#)

Atlassian Confluence 3.2.1\_01, the Enterprise Wiki: Intranet software for documentation and knowledge management | [Report a bug](#) | [Atlassian News](#)

# Epic example

The screenshot shows a Jira issue page for an Epic. The browser address bar shows the URL <https://jira.ringcentral.com/browse/UP-9511>. The page header includes navigation links like 'Dashboards', 'Projects', 'Issues', 'Service Desk', and 'Agile', along with a 'Create' button and a search bar. A message at the top says 'Contact helpdesk@nordigy.ru for assistance if required.' The main title is 'User Partitioning / UP-9511 Hardphone pre-provisioning handling improvements'. Below the title are action buttons: 'Edit', 'Comment', 'Assign', 'More', 'Waiting for clarification', and 'Open'. The 'Details' section lists: Type: Epic, Priority: Normal, Status: INITIAL, Resolution: Unresolved, Affects Version/s: None, Component/s: None, Labels: None, Epic Name: Hardphone pre-provisioning handling improvements, RC Components: DAM, HMP, PCF, RGR, VSR, Business Value: 0, Release Cycle: 8.4. The 'People' section shows Assignee: Unassigned, Reporter: Alexander Butin, and Watchers: 1. The 'Dates' section shows Created: 09/26/16 01:58 PM and Updated: 10/05/16 12:53 PM. The 'Description' section contains a paragraph and a numbered list of three items. The 'Issue Links' section shows a link to 'PROJ-2747 Hardphone pre-provisioning handling improvements' with a 'COMPLETED' status. The 'Issues in Epic' section lists four sub-issues: UP-9513 (Modify routers, CLOSED, Unassigned), UP-9519 (Define test cases, execute test cases, CLOSED, Berik Moldashev), UP-9517 (Modify DAM, CLOSED, Pavel Abushik), and CNV-18760 (Change pre-provisioning greeting at HMP, CLOSED, Berik Moldashev).

https://jira.ringcentral.com/browse/UP-9511

Contact helpdesk@nordigy.ru for assistance if required.

## User Partitioning / UP-9511

### Hardphone pre-provisioning handling improvements

Edit Comment Assign More Waiting for clarification Open Export

#### Details

Type:	Epic	Status:	INITIAL
Priority:	Normal	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	None
Component/s:	None		
Labels:	None		
Epic Name:	Hardphone pre-provisioning handling improvements		
RC Components:	DAM, HMP, PCF, RGR, VSR		
Business Value:	0		
Release Cycle:	8.4		

#### People

Assignee: Unassigned  
Assign to me

Reporter: Alexander Butin

Votes: 0 Vote for this issue

Watchers: 1 Start watching this issue

#### Dates

Created: 09/26/16 01:58 PM  
Updated: 10/05/16 12:53 PM

#### Agile

[View on Board](#)

#### Description

We would like to redesign the pre-provisioning functionality in the following way:

1. Introduce a purely virtual user id for new/removed devices (e.g.: unprovisioned@sip.ringcentral.com)
2. Reply with 200OK on all registration requests from this virtual user id from the VSR level. We don't need to create actual registration records for such devices, all we need is to provide dial tone to the device
3. Forward all incoming INVITE requests from this virtual user id to DAM and play the pre-provisioning greeting from there

#### Issue Links

is a parent for [PROJ-2747](#) Hardphone pre-provisioning handling improvements COMPLETED

Wiki Page [Wiki Page](#) [Authenticate](#) to see additional information.

#### Issues in Epic

UP-9513	Modify routers	<span>CLOSED</span> Unassigned
UP-9519	Define test cases, execute test cases	<span>CLOSED</span> Berik Moldashev
UP-9517	Modify DAM	<span>CLOSED</span> Pavel Abushik
CNV-18760	Change pre-provisioning greeting at HMP	<span>CLOSED</span> Berik Moldashev



# User Story for developer

https://jira.ringcentral.com/browse/UP-9517

Contact [helpdesk@nordigy.ru](mailto:helpdesk@nordigy.ru) for assistance if required.

User Partitioning / UP-9517  
**Modify DAM**

Edit Comment Assign More Resolve Reopen Export

**Details**

Type:	User Story	Status:	<b>CLOSED</b>
Priority:	Normal	Resolution:	Fixed
Component/s:	None	Fix Version/s:	Hardphone pre-provisioning handling improvements
Labels:	None		
Business Value:	0		
RC Components:	DAM		
Epic Link:	Hardphone pre-provisioning handling improvements		
Previous issue key:			
Sprint:	Sprint 1		

**Description**

- Extend greeting-config.xml with the following section:

```
<special-greeting>
  <greeting-type>Preprovisioning</greeting-type>
  <from>unprovisioned</from>
  <from>16506412638</from>
  <from>16503760120</from>
  <file-path>english_united_states_/preprovisioning.wav</file-path>
</special-greeting>
```
- DAM should first match user part of the From tag against *from* lists of *special greeting* subsections and play the listed greeting(s) in case of successful match. If there is no match, DAM should proceed with the current logic.

**Issue Links**

Wiki Page [Wiki Page](#) Authenticate to see additional information.

**Activity**

All **Comments** Work Log Work Log Chart History Activity Transitions

There are no comments yet on this issue.

**People**

Assignee: Pavel Abushik  
Reporter: Alexander Butin  
Votes: 1 Vote for this issue  
Watchers: 2 Start watching this issue

**Dates**

Created: 09/26/16 05:31 PM  
Updated: 10/10/16 06:40 PM  
Resolved: 10/07/16 06:47 PM

**Development**

1 branch Updated 10/08/16 12:06 AM  
10 commits Latest 10/10/16 02:08 PM

**Agile**

Active Sprint: Sprint 1 ends 10/14/16  
[View on Board](#)

# User story for QA engineer

The screenshot shows a Jira issue page for 'User Partitioning / UP-9519'. The issue title is 'Define test cases, execute test cases'. The status is 'CLOSED'. The issue is assigned to Berik Moldashev and reported by Alexander Butin. The description includes two tasks: '1. Define integration test cases' and '2. Execute integration test cases'. The activity log shows three comments from Berik Moldashev, including a QA report and a build approval.

**Details**

Type:	User Story	Status:	CLOSED
Priority:	Normal	Resolution:	Fixed
Component/s:	None	Fix Version/s:	Hardphone pre-provisioning handling improvements
Labels:	None		
Business Value:	0		
Epic Link:	Hardphone pre-provisioning handling improvements		
Previous issue key:			
Sprint:	Sprint 1		

**Description**

1. Define integration test cases
2. Execute integration test cases

**Activity**

All Comments Work Log Work Log Chart History Activity Transitions

- Berik Moldashev added a comment - 10/05/16 07:28 PM  
QA report: [http://testlink/lib/results/resultsTC.php?format=0&tplan\\_id=2190029](http://testlink/lib/results/resultsTC.php?format=0&tplan_id=2190029)
- Berik Moldashev added a comment - 10/10/16 04:25 PM  
new build pending approval
- Berik Moldashev added a comment - 10/10/16 05:02 PM  
Build: default/2016-10-08\_00-23-05-r785a74e57948  
QA result: approved

**People**

Assignee: Berik Moldashev  
Reporter: Alexander Butin

**Dates**

Created: 09/27/16 05:46 PM  
Updated: 10/10/16 05:03 PM  
Resolved: 10/10/16 05:03 PM

**Time Tracking**

Estimated: 0m  
Remaining: 0m  
Logged: 1d 1h

**Agile**

Active Sprint: Sprint 1 ends 10/14/16  
[View on Board](#)



# User story for other team collaboration

The screenshot shows a Jira issue page for the issue 'Change pre-provisioning greeting at HMP' (ID: CNV-18760). The issue is categorized as a 'User Story' with a 'Normal' priority and is currently in a 'CLOSED' status. The assignee is Berik Moldashev, and the reporter is Alexander Butin. The issue was created on 10/05/16 and resolved on 10/06/16. The description details a request from the Core team to change the pre-provisioning greeting at HMP, including a list of tasks. The issue is linked to other issues and has several attachments, including a WAV file. The page also shows the 'Development' section with 1 branch and 3 commits, and the 'Agile' section with a 'View on Board' link.

https://jira.ringcentral.com/browse/CNV-18760

RingCentral  
Dashboards Projects Issues Service Desk Agile Create

Contact helpdesk@nordigy.ru for assistance if required.

Telephony / CNV-18760  
**Change pre-provisioning greeting at HMP**

Edit Comment Assign More Resolve Reopen Export

**Details**

Type:	User Story	Status:	CLOSED
Priority:	Normal	Resolution:	Fixed
Component/s:	None	Fix Version/s:	None
Labels:	None		
Team:	Telco 4 (DP)		
Business Value:	0		
RC Components:	Prompts		
Epic Link:	Hardphone pre-provisioning handling improvements		
Previous issue key:	HMP-691		

**Description**

Core team was requested to make changes in RGR, VSR, PCF and DAM to introduce a purely virtual user id for new/removed HP devices. Within this project scope telco team should change change pre-provisioning greeting at HMP.

- Create the new system prompt and upload it to all HMP servers (the file should be taken from the 16506412638 account, extension 0, unavailable greeting).
- We don't need to localize this prompt at this point since we don't know the locale for this pre-provisioned calls, so it is enough to have US copy only.

**Attachments**

preprovisioning_mastercopy.wav	261 kB	10/06/16 12:55 PM
--------------------------------	--------	-------------------

**Issue Links**

depends on	ENV-34796 Upload new greeting to SPB HMP servers	RESOLVED
See also	CNV-15086 Play generic support announcement to callers when pre-provisioned phones are not configured correctly	CLOSED
mentioned in	Wiki Page Authenticate to see additional information.	
Wiki Page	Wiki Page Authenticate to see additional information.	

**Activity**

# Wiki

Browser tabs: [PNP-155...], Releases ..., Распред..., Releases ..., Горнолы..., HighLoa..., [UP-9511..., Hard..., [UP-9517..., [CNV-187..., [UP-9519..., Новая вкладка, Новая вкладка

Address bar: <https://wiki.ringcentral.com/pages/viewpage.action?pageId=204980892>


Search: Поиск

Navigation: Яндекc, Почта, Карты, <https://pbs.twimg.co...>, Маркет, Новости, Словари, Видео, Музыка, Диск, Часто посещаемые, Начальная страница, Coherence API, RingCentral compone...

Breadcrumbs: Dashboard > Core > ... > Hardphone pre-provisioning handling improvements

User: Pavel Abushik

---



## Hardphone pre-provisioning handling improvements

Added by [Igor Rusinov](#), last edited by [Igor Rusinov](#) on Sep 26, 2016 ([view change](#))

- [Background](#)
- [Implementation Proposal](#)
- [Details](#)
  - [1st Phase](#)
    - [VSR](#)
    - [RGR](#)
    - [PCF](#)
    - [HMP](#)
    - [DAM](#)
  - [2nd phase](#)
    - [VSP](#)
  - [3d Phase](#)
    - [VSR](#)
    - [DAM](#)
    - [Admin WEB](#)

**Background**

Currently hardphones pre-provisioning is handled in the following way:

- There is a special account `16506412638` with special unavailable greeting
- All new devices are configured to use a default static config file (based on the device type) stored on RGR. These static files have `16506412638` as UserID
- VSP has a special logic to replace the user to itself if call is coming from `16506412638`. This is done in order to play unavailable greeting on TAS servers

When handphone is removed, its de-provisioning is handled in the similar way. The only difference is that re-provisioning to the `16506412638` UserID is done by the PCF server.

This implementation has serious drawbacks:

- We need to keep the real user account to support it. Any accidental changes on this account would break the functionality
- Unnecessary consumption of TAS resources

**Implementation Proposal**

We would like to redesign the pre-provisioning functionality in the following way:

- Introduce a purely virtual user id for new/removed devices (e.g.: `unprovisioned@sip.ringcentral.com`)
- Reply with 200OK on all registration requests from this virtual user id from the VSR level. We don't need to create actual registration records for such devices, all we need is to provide dial tone to the vice
- Forward all incoming INVITE requests from this virtual user id to DAM and play the pre-provisioning greeting from there

**Details**

**1st Phase**

New implementation.

**VSR**

# VCS

The screenshot shows a GitHub repository page for 'mbostock/d3'. The page header includes the repository name, search bar, and navigation links. The main content area displays repository statistics (3,013 commits, 14 branches, 158 releases, 62 contributors) and a list of recent commits. The right sidebar contains links to Code, Issues, Pull Requests, Wiki, Pulse, Graphs, and Network. At the bottom, there are buttons for cloning the repository in Desktop or downloading a ZIP file.

mbostock/d3

This repository Search or type a command Explore Gist Blog Help

mbostock / d3 Watch 1,626 Star 19,654 Fork 3,803

A JavaScript visualization library for HTML and SVG. <http://d3js.org>

3,013 commits 14 branches 158 releases 62 contributors

branch: master d3

Merge branch '3.3.9'

mbostock authored 11 days ago Latest commit 87acef2e6f

bin	Add --ascii to uglifyjs. Related #1195.	3 months ago
lib	Remove obsolete license.	a month ago
src	Merge branch '3.3.9'	11 days ago
test	Merge remote-tracking branch 'origin/fix-tick-format-precision' into ...	11 days ago
.gitignore	Add .DS_Store to .gitignore.	2 years ago
.npmignore	Add .npmignore.	2 years ago
.travis.yml	use node 0.10 for travis	7 months ago
LICENSE	Update copyright year.	8 months ago
Makefile	Move benchmark.	a month ago
README.md	README.md: Point hyperlinks at github explicitly	10 months ago
bower.json	Merge branch '3.3.9'	11 days ago

Code

Issues 119

Pull Requests 40

Wiki

Pulse

Graphs

Network

HTTPS clone URL

<https://github.com/>

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

Clone in Desktop

Download ZIP











# Continues integration

The screenshot shows the Hudson web interface. At the top, it displays the 'COLLABNET TeamForge' logo and the user 'Gina Torres (developer)' is logged in. The main navigation bar includes 'Projects', 'My Workspace', 'Search', 'History', and 'openCollabNet'. The current project is 'Brokerage System', with a 'Jump to ID: proj1016' field. Below the navigation are icons for 'Project Home', 'Tracker', 'Documents', 'Source Code', 'Discussions', 'File Releases', 'Wiki', and 'Build & Test'. The 'Build & Test' section is active, showing the 'Hudson' dashboard. On the left, there are links for 'New Job', 'Manage Hudson', 'People', and 'Build History'. The main area features a table of build jobs with columns for status (S for success, W for warning), job name, last success, last failure, and last duration. A 'Build Queue' section on the left indicates 'No builds in the queue.' and a 'Build Executor Status' table shows one executor is 'Idle'.

**Hudson**  [ENABLE AUTO REFRESH](#)

**Build Queue**  
No builds in the queue.

No.	Status	Job	Last Success	Last Failure	Last Du
		 <a href="#">Brokerage System - Connect Four 4.6 Maint</a>	9 days 9 hr (#1)	2 days 1 hr (#3)	10 sec
		 <a href="#">Brokerage System - Connect Four SIT</a>	2 days 1 hr (#29)	13 days (#25)	4.7 sec
		 <a href="#">Brokerage System - Connect Four Trunk</a>	9 days 9 hr (#1)	9 days 9 hr (#3)	14 sec
		 <a href="#">Test job</a>	1 mo 11 days (#1)	N/A	2.8 sec

**Build Executor Status**

No.	Status
1	Idle

# Бакалаврские работы

«Обеспечение отказоустойчивой синхронизации центров данных на основе очередей сообщений»

«Обеспечение механизмов динамической балансировки сегментов данных на основе стратегии определения эффективного использования статистики запросов и доступа к данным»

«Обеспечение синхронизационных процессов в отказоустойчивых распределенных системах с несколькими центрами данных»

Language: Java

OS: Linux (Ubuntu 16.04)

Cache engines: Coherence, GridGain

DB: MongoDB

Message queue engine: Rabbit MQ

# Internet search project

Goal: Internet search for a group of sites

Capacity: Should be able to keep up to 100 000 000 documents and provide fast search over them

Language: C++

OS: Linux (Ubuntu 16.04)

DB: MongoDB



# Roles

Product owner: look at competitors and defines features

Developer: Implement different parts of product

QA: Support the product quality

# Linux development and C++ tools

Build tools: CMake

Language: C++ 11/14

Unit test framework: boost::test

Additional libs: boost

IDE: up to your choice