

Contents

1. YourCompany	2
2. YourCompany/Development System	4
3. YourCompany/Documentation	8
4. YourCompany/Production System	20

YourCompany

Tour 3 Documentation System

next: [Step-by-step instructions](#)

Headquarters	Munich	Contact since	2017	Status	
Partnership	no Partner	Account Manager	Doe, John	Technical Contact	Schreiber, Horst

Contracts

1. [YourCompany/Development System](#) ([Contract Type](#): Subscription)

2. [YourCompany/Documentation](#) ([Contract Type](#): Subscription)

3. [YourCompany/Production System](#) ([Contract Type](#): Subscription)

Minutes

no minutes available

Contents

1 Initial situation and requirements

2 Installations

3 Project history

4 Technical notes for Maintenance and Support

5 Marketing and Sales

6 Other notes and experiences

3

3

3

3

3

3

Initial situation and requirements

YourCompany came to us in February 2017 to build a wiki system. MediaWiki was tested as an alternative and was not user-friendly enough. In addition, it lacked many functionalities of BlueSpice.

Installations

Create a new installation profile.

- Project: [YourCompany/Development System](#)
- Project: [YourCompany/Documentation](#)
- Project: [YourCompany/Production System](#)

Link to the Hallo Welt! internal test system:

Project history

Year	Milestone	Contact
2017	Setup Wikisystem	Sarah Naumann

Technical notes for Maintenance and Support

- External Access: VPN
- Internal deployment notes: no special features
- Special processes (e.g.: maintenance cycles, cooperation partners, handling of the staging system, etc.): IT-Systemhaus is the main service provider

Marketing and Sales

- Special contractual arrangements (maintenance, framework contract): none
- Usable screenshots: none

Other notes and experiences

YourCompany/Development System

Belongs to:	YourCompany
First installation:	2022-01-04
Contract start:	2021-12-17
Minimum contract period:	2 Years
Contract type:	Subscription
Performance level:	Standard with WikiFarm and Development
Account manager:	Doe, John
Last update:	
Short description	Testsystem: BlueSpice 4 pro with WikiFarm and Development

Contents

1 History / Important Deployments	5
2 Access	5
3 Installed programs (applications)	5
4 Please note for updates	5
5 Docker	5
5.1 Starting Docker	5
5.2 Docker IP	6
6 Backup / Cronjobs	6
6.1 Cronjobs	6
6.2 Backup	6
7 Services	6
7.1 Database	6
7.2 PHP	6
7.3 Jetty	6
7.4 Caching	6
7.5 Webserver	6

History / Important Deployments

Protocol by	Sarah Naumann
First Installation	2018-11-26
Update to 3.0.1	2019-03-26
Update	

Access

Remote Access	VPN -> SSH
ID	a_exNNNNN
Username for SSH	ICA\a_exNNNNN

Installed programs (applications)

URL	https://wiki.yourcompany.com
Domains	- wiki.yourcompany.com - wikidoc.yourcompany.com
Server Name	rz17.musterfirma.local
Operating System	Ubuntu 16.04.
BlueSpice Version	3.0.1 per WikiFarm
MediaWiki Version	1.31.1
Deployment Package	Docker
Path to Docker files	/data/bluespice/bluespice
Authentication	SAML.php
Notes	Group assignment to instances in 099-AdditionalPermissions.php

Please note for updates

Since it is currently not possible to set the permissions properly, the **delete** permission has been withdrawn from the **editor** DefaultSettings.php.

Docker

Starting Docker

```
docker run -d -v /data/bluespice/certificates:/etc/apache2/ssl -v  
/data/bluespice/bluespice/099-AdditionalPermissions.php:/var/www/bluespice/w  
/settings.d/  
099-AdditionalPermissions.php -v
```

```
/data/bluespice/database:/var/lib/mysql -v
/data/bluespice/elasticsearch:/var/lib/elasticsearch -v
/data/bluespice/bluespice:/opt/bluespice-docker -v /data/bluespice/backup:
/backup -v
/data/backups-mediawiki:/import -e "TZ=Europe/Berlin" -lCE -t -p 80:80 -p 443
:443
-p 8000:8000 -p 8001:8001 1d85e6a800e9
```

Docker IP

```
cat /etc/docker/daemon.json
{
    "bip": "172.19.10.1/24",
    "fixed-cidr": "172.19.10.1/24"
}
```

Backup / Cronjobs

Cronjobs

runJobs	daily
---------	-------

Backup

BackupDatabases	daily
-----------------	-------

Services

Database

Program	MariaDB
Version	10.1.37

PHP

Version	7.0.30
---------	--------

Jetty

Version	9
---------	---

Caching

opcache	Yes
memcached	No

Webserver

Program	Apache
---------	--------

Version	2.4.18
---------	--------

YourCompany/Documentation

Contents

1 Management Summary	10
2 Server Infrastructure	11
2.1 Server environment	11
2.2 Setup BlueSpice pro with WikiFarm	11
3 Production Wiki	13
3.1 History / Important Deployments	13
3.2 Access	13
3.3 Installed programs (applications)	13
3.4 Please note for updates	14
3.5 Docker	14
3.6 Backup / Cronjobs	14
3.7 Services	14
4 Development Wiki	15
4.1 History / Important Deployments	15
4.2 Access	16
4.3 Installed programs (applications)	16
4.4 Please note for updates	16
4.5 Docker	16
4.6 Backup / Cronjobs	17
4.7 Services	17
5 Authentication and Security Levels	18
5.1 SAML/Prod	18
5.2 Security levels of wikis	18
5.3 URL	19

Management Summary

YourCompany has organizational wikis.

The organization wikis vary in size, some have a size of only a few pages. About 5 wikis have a much larger size. All model company wikis have a total of about 400 users.

The following procedure has been defined:

- Users are currently managed by SAML. In addition, access to the individual wikis should be controlled via SAML.

Server Infrastructure

Server environment

Server	Server name	URL	Configuration
Production System	rz14. yourcompany. local	https://wiki. yourcompany. de/	Ubuntu 16.04. 8 CPUs 32 GB RAM
Development System	rz14. yourcompany. local	https://wiki-a. yourcompany. de	Ubuntu 16.04. 8 CPUs 32 GB RAM

Setup BlueSpice pro with WikiFarm

BlueSpice pro Services:

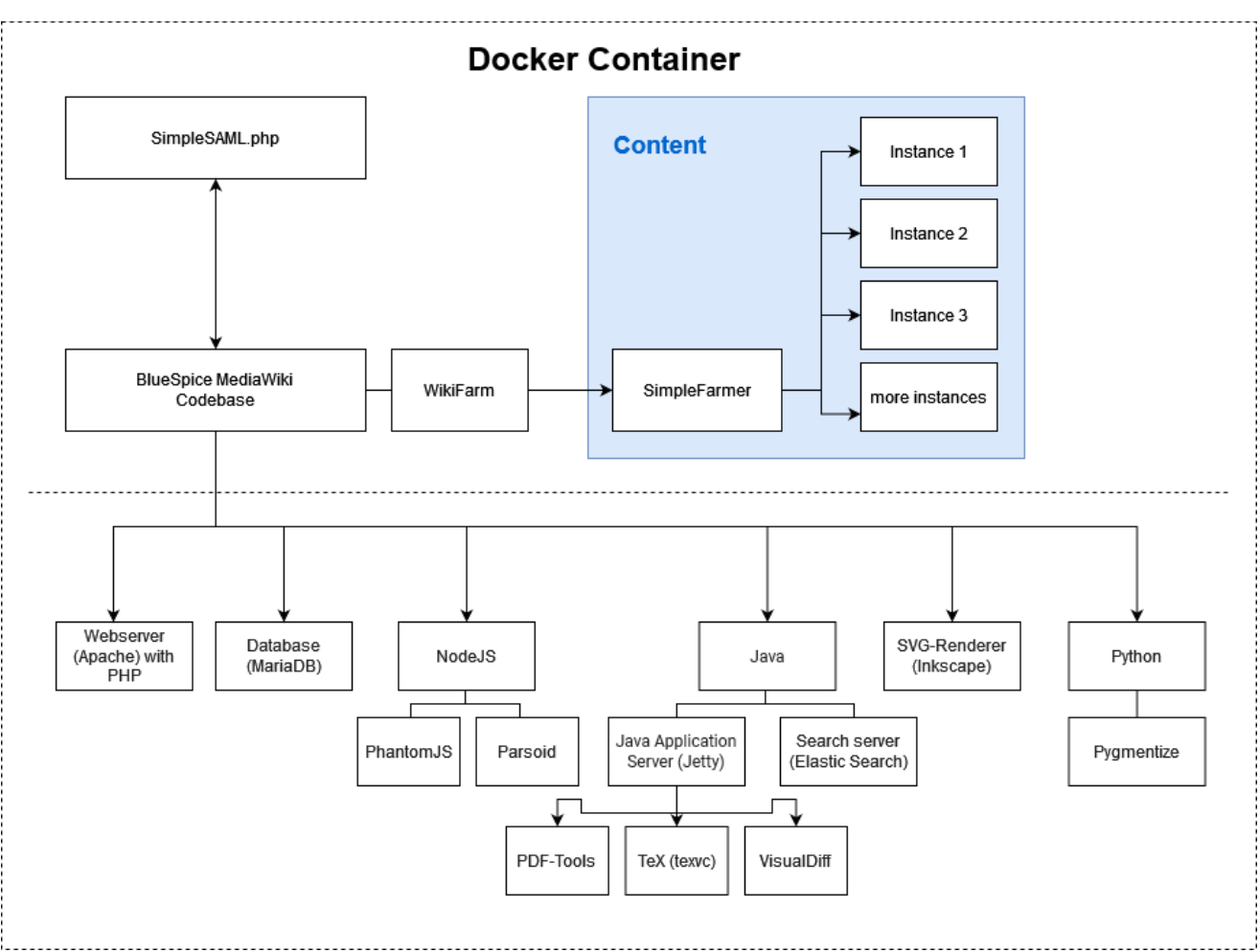
Services for the operation of BlueSpice pro:

- Webserver (Apache) with PHP
- Database (MariaDB)

Additional Services:

Service	required for
NodeJS/Parasoid	VisualEditor
NodeJS/PhantomJS	generating screenshots (e.g. recent changes)
Java Application Server (Jetty)/ Tomcat	PDF export
Java Application Server (Jetty)/ VisualDiff	compare versions of a page
Java Application Server (Jetty)/ TeX	math formulas
Search Server (ElasticSearch)	search
SVG-Renderer (Inkscape)	.svg
Python/Pygmentize	syntax highlighting source code in pages

Scheme Docker Container



Production Wiki

History / Important Deployments

Protocol by	Horst Schreiber
First installation	2017-04-02
Update to current codebase 3.0.0	2018-11-26
Update to 3.0.1	2019-03-27
Update	

Access

Remote Access	VPN -> SSH
ID	a_exNNNNN
Username for SSH	ICA\a_exNNNNN

Installed programs (applications)

URL	https://wiki.yourcompany.com
Domains	- wiki.yourcompany.com - wikidocs.yourcompany.com
Server name	rz14.yourcompany.local
Operating System	Ubuntu 16.04.
BlueSpice Version	3.0.1 per WikiFarm
MediaWiki Version	1.31.1
Deployment package	Docker
Path to Docker files	/data/bluespice/bluespice
Authentication	SAML.php
Notes	Group assignment to instances in 099-AdditionalPermissions.php

Please note for updates

Since it is currently not possible to set the permissions properly, the **delete** permission has been withdrawn from the **editor** DefaultSettings.php.

Docker

Starting Docker

```
docker run -d -v /data/bluespice/certificates:/etc/apache2/ssl -v
/data/bluespice/bluespice/099-AdditionalPermissions.php:/var/www/bluespice/w
/settings.d/099-
AdditionalPermissions.php -v
/data/bluespice/database:/var/lib/mysql -v
/data/bluespice/elasticsearch:/var/lib/elasticsearch -v
/data/bluespice/bluespice:/opt/bluespice-docker -v /data/bluespice/backup:
/backup -v
/data/backups-mediawiki:/import -e "TZ=Europe/musterfirma" -lCE -t -p 80:80 -
p 443:443 -p 8000:8000
-p 8001:8001 1d85e6a800e9
```

Docker IP

```
cat /etc/docker/daemon.json
{
    "bip": "172.19.10.1/24",
    "fixed-cidr": "172.19.10.1/24"
}
```

Backup / Cronjobs

Cronjobs

runJobs	daily
----------------	-------

Backup

BackupDatabases	daily
------------------------	-------

Services

Database

Programm	MariaDB
Version	10.1.37

PHP

Version	7.0.30
---------	--------

Jetty

Version	9
---------	---

Caching

opcache	Yes
memcached	No

Webserver

Programm	Apache
Version	2.4.18

<b

Development Wiki

Belongs to:	YourCompany
First installation:	2022-01-04
Contract start:	2021-12-17
Minimum contract period:	2 Years
Contract type:	Subscription
Performance level:	Standard with WikiFarm and Development
Account manager:	Doe, John
Last update:	
Short description	Testsystem: BlueSpice 4 pro with WikiFarm and Development

History / Important Deployments

Protocol by	Sarah Naumann
First Installation	2018-11-26
Update to 3.0.1	2019-03-26
Update	

Access

Remote Access	VPN -> SSH
ID	a_exNNNNN
Username for SSH	ICA\a_exNNNNN

Installed programs (applications)

URL	https://wiki.yourcompany.com
Domains	- wiki.yourcompany.com - wikidoc.yourcompany.com
Server Name	rz17.musterfirma.local
Operating System	Ubuntu 16.04.
BlueSpice Version	3.0.1 per WikiFarm
MediaWiki Version	1.31.1
Deployment Package	Docker
Path to Docker files	/data/bluespice/bluespice
Authentication	SAML.php
Notes	Group assignment to instances in 099-AdditionalPermissions.php

Please note for updates

Since it is currently not possible to set the permissions properly, the **delete** permission has been withdrawn from the **editor** DefaultSettings.php.

Docker

Starting Docker

```
docker run -d -v /data/bluespice/certificates:/etc/apache2/ssl -v
/data/bluespice/bluespice/099-AdditionalPermissions.php:/var/www/bluespice/w
/settings.d/
099-AdditionalPermissions.php -v
/data/bluespice/database:/var/lib/mysql -v
/data/bluespice/elasticsearch:/var/lib/elasticsearch -v
/data/bluespice/bluespice:/opt/bluespice-docker -v /data/bluespice/backup:
/backup -v
/data/backups-mediawiki:/import -e "TZ=Europe/Berlin" -lCE -t -p 80:80 -p 443
:443
-p 8000:8000 -p 8001:8001 1d85e6a800e9
```

Docker IP

```
cat /etc/docker/daemon.json
{
    "bip": "172.19.10.1/24",
    "fixed-cidr": "172.19.10.1/24"
}
```

Backup / Cronjobs

Cronjobs

runJobs	daily
---------	-------

Backup

BackupDatabases	daily
-----------------	-------

Services

Database

Program	MariaDB
Version	10.1.37

PHP

Version	7.0.30
---------	--------

Jetty

Version	9
---------	---

Caching

opcache	Yes
memcached	No

Webserver

Program	Apache
Version	2.4.18

<b

Authentication and Security Levels

SAML/Prod

The following domains are all connected to SAML:

- [wiki.yourcompany.com](#) = Main Instance = WikiFarm Management
- [wiki.yourcompany.com](#) redirects to [wiki.yourcompany.com/yourcompany](#)= YourCompany Wiki
- [wikidocs.yourcompany.com](#) redirects to [wiki.yourcompany.com/yourcompany](#) with local login

Security levels of wikis

* = (all) = applies to every visitor of the wiki, including those who do not log in.

Public

user group	login required	permissions			
		sys admin	wiki maintain admin	editor	reader
[...] _Admin	x	x	x	x	x
*	---	---	---	x	x

Protected

user group	login required	permissions			
		sys admin	wiki maintain admin	editor	reader
[...] _Admin	x	x	x	x	x
[...] _Editeren	x	---	---	x	x
*	---	---	---	---	x

Private

user group	login required	permissions			
		sys admin	wiki maintain admin	editor	reader
[...]_Admin	x	x	x	x	x
[...]_Editeren	x	---	---	x	x
[...]_Lezen	x	---	---	---	x
*	---	---	---	---	---

Admin

user group	login required	permissions			
		sys admin	wiki maintain admin	editor	reader
[...]_Admin	x	x	x	x	x
*	---	---	---	---	---

URL

If the URL of a wiki does not exist (or there is a letter error because of case-sensitivity), the user is currently redirected to the farm management. Depending on the authorization level, the user might not have access. It is possible to redirect the user to a page of another instance. However, this can only be done **once**. Redirects always link to the same instance. On the target page you could, for example, store an overview of operating wikis.

YourCompany/Production System

Belongs to:	YourCompany
First installation:	2018/04/02
Contract start:	2018/04/02
Minimum contract period:	
Contract type:	Subscription
Performance level:	Standard with WikiFarm and Development
Account manager:	Schreiber,Horst
Last update:	2019/03/27
Short description	Production system: BlueSpice 3 pro Standard with WikiFarm with Development

Contents

1 History / Important Deployments	21
2 Access	21
3 Installed programs (applications)	21
4 Please note for updates	21
5 Docker	22
5.1 Starting Docker	22
5.2 Docker IP	22
6 Backup / Cronjobs	22
6.1 Cronjobs	22
6.2 Backup	22
7 Services	22
7.1 Database	22
7.2 PHP	22
7.3 Jetty	23
7.4 Caching	23
7.5 Webserver	23

History / Important Deployments

Protocol by	Horst Schreiber
First installation	2017-04-02
Update to current codebase 3.0.0	2018-11-26
Update to 3.0.1	2019-03-27
Update	

Access

Remote Access	VPN -> SSH
ID	a_exNNNNN
Username for SSH	ICA\a_exNNNNN

Installed programs (applications)

URL	https://wiki.yourcompany.com
Domains	- wiki.yourcompany.com - wikidocs.yourcompany.com
Server name	rz14.yourcompany.local
Operating System	Ubuntu 16.04.
BlueSpice Version	3.0.1 per WikiFarm
MediaWiki Version	1.31.1
Deployment package	Docker
Path to Docker files	/data/bluespice/bluespice
Authentication	SAML.php
Notes	Group assignment to instances in 099-AdditionalPermissions.php

Please note for updates

Since it is currently not possible to set the permissions properly, the **delete** permission has been withdrawn from the **editor** DefaultSettings.php.

Docker

Starting Docker

```
docker run -d -v /data/bluespice/certificates:/etc/apache2/ssl -v
/data/bluespice/bluespice/099-AdditionalPermissions.php:/var/www/bluespice/w
/settings.d/099-
AdditionalPermissions.php -v
/data/bluespice/database:/var/lib/mysql -v
/data/bluespice/elasticsearch:/var/lib/elasticsearch -v
/data/bluespice/bluespice:/opt/bluespice-docker -v /data/bluespice/backup:
/backup -v
/data/backups-mediawiki:/import -e "TZ=Europe/musterfirma" -lCE -t -p 80:80 -
p 443:443 -p 8000:8000
-p 8001:8001 1d85e6a800e9
```

Docker IP

```
cat /etc/docker/daemon.json
{
    "bip": "172.19.10.1/24",
    "fixed-cidr": "172.19.10.1/24"
}
```

Backup / Cronjobs

Cronjobs

runJobs	daily
----------------	-------

Backup

BackupDatabases	daily
------------------------	-------

Services

Database

Programm	MariaDB
Version	10.1.37

PHP

Version	7.0.30
----------------	--------

Jetty

Version	9
----------------	---

Caching

opcache	Yes
memcached	No

Webserver

Programm	Apache
Version	2.4.18