

# IBM Connections 6.0 und IBM Connections pink

## Ausblick auf die (R)evolution in Administration und Infrastruktur

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  - IBM Notes / Domino seit 1999
  - IBM Connections seit Version 2.5 / 2009
- Schwerpunkte:
  - Migrationen
  - Administration und Installation
  - Performance Analysen
  - Monitoring

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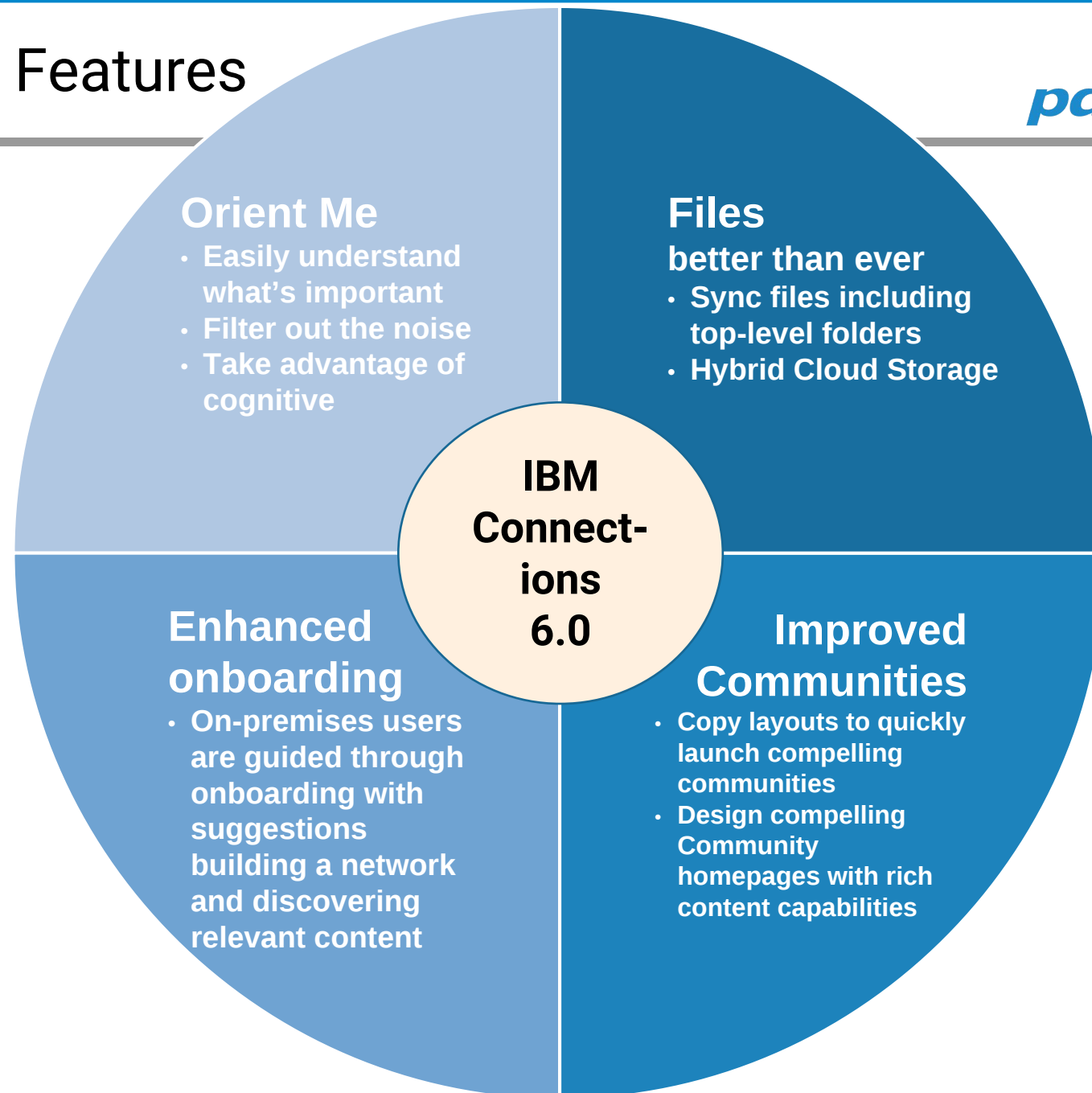
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# Connections 6 New Features



# Infrastructure Changes



## Orient Me

- Easily understand what's important
- Filter out the noise
- Take advantage of cognitive

## Files

- better than ever
- Sync files including top-level folders
- Hybrid Cloud Storage

**IBM Cloud**  
Object Storage



## IBM Connections 6.0

## Enhanced onboarding

- On-premises users are guided through onboarding with suggestions building a network and discovering relevant content

## Improved Communities

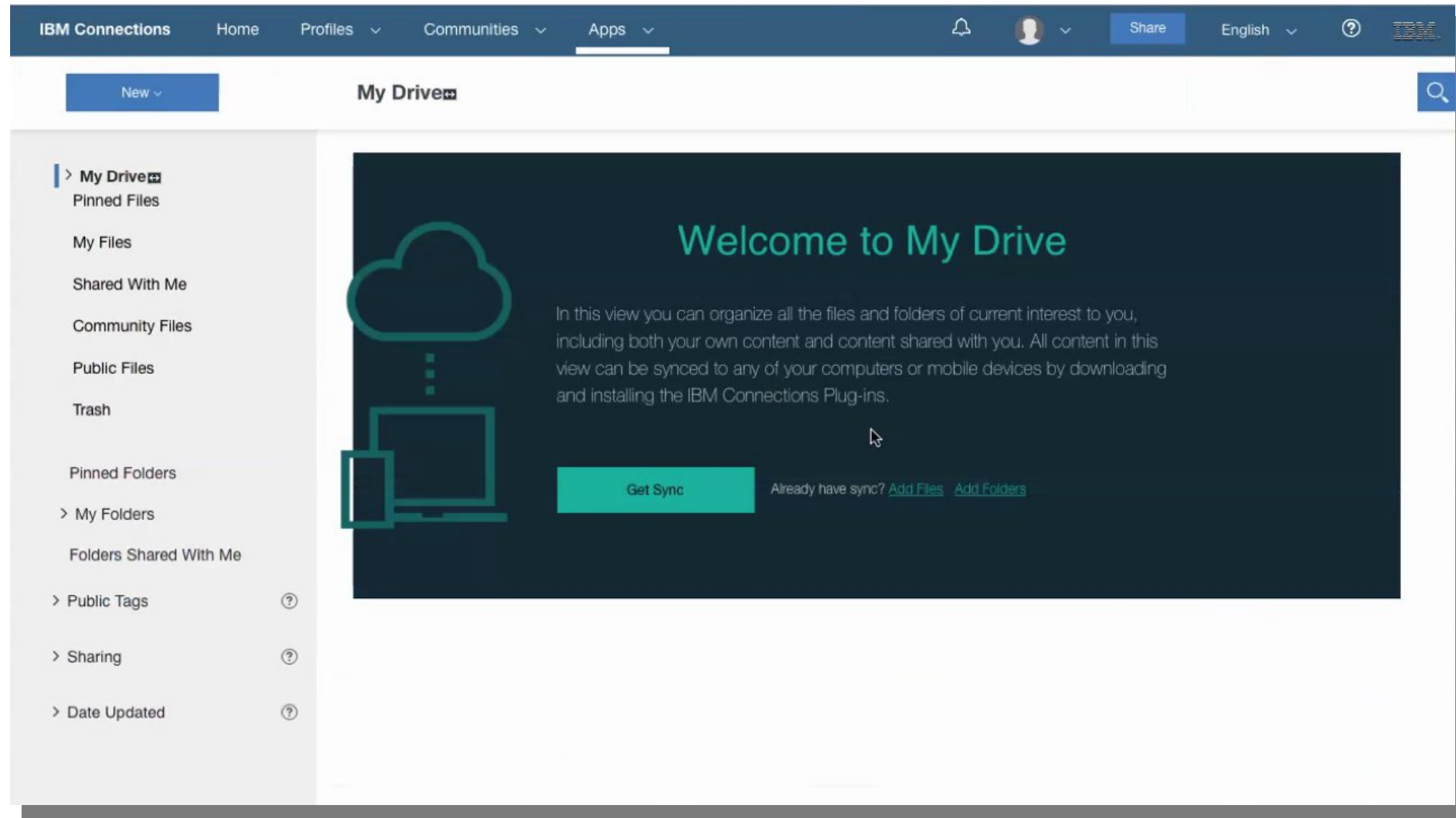
- Copy layouts to quickly launch compelling communities
- Design compelling Community homepages with rich content capabilities

**WebSphere®**

Application Server



# Enhanced Files





New My Drive view for all files & folders I want to keep in sync

Add files or folders from your personal files or someone else's files...

ons

Home

Profiles

Communities

Apps

Share

?

IBM

New

My Drive

My Drive

Connections 2017

Report

Marketing Files

Photos

Boston

Collateral

Old Pictures

Beijing

All Folders

My Folders

Collateral

Connections 2017

Old Pictures

Photos

Folders Shared With Me

All Files

Trash

In this view you can organize all the files and folders of current interest to you, including both your own content and content shared with you. All content in this view can be synced to any of your computers or mobile devices by downloading and installing the IBM Connections Plug-ins [here](#).

Add Folders...

Add Files...

1-7 of 7

Sort by: Name Updated Views Comments Likes

Collateral

Amy Jones1 created on Jan 17

Connections 2017

Updated today at 7:19 AM by Amy Jones1 | 2 files

Marketing Files

Amy Jones1 updated on Jan 16 | 1 file

Old Pictures

Amy Jones1 updated on Jan 16

Photos

Amy Jones1 updated on Jan 17 | 2 files

mydrive-sync.jpg

Amy Jones1 created on Thursday at 7:25 AM

Design-Folder Sync Composite My Drive

Amy Jones1 created on Jan 16 | 2,028 views

Show 10 25 50 items per page

Feed for Sync

Display: Grid List

More

More

... and they will be sync'd to your desktop

IBM Connections sync

Desktop

IBM

IBM Connections sync

Documents

Applications

Downloads

Movies

Music

Pictures

Name	Size	Kind
Collateral	--	Folder
Connections 2017	--	Folder
Report	--	Folder
Marketing Files	--	Folder
Old Pictures	--	Folder
Beijing	--	Folder
Photos	--	Folder
Boston	--	Folder
mydrive-sync.jpg	857 bytes	JPEG image
Design-Folder Sync Composite My Drive Indicator 2.pdf	5.5 MB	PDF Document

Home

Help

IBM Support Forums

Bookmarking Tools

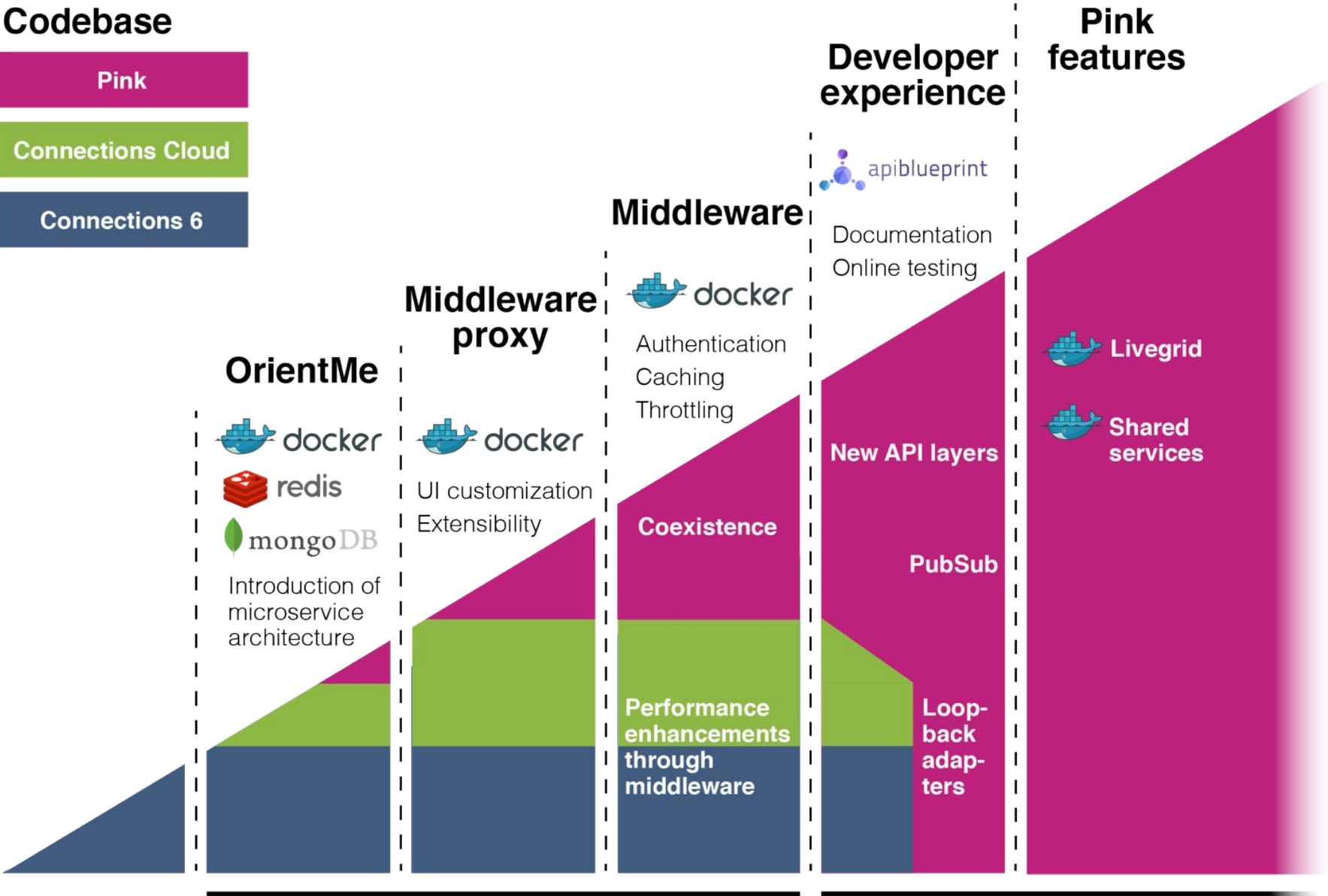
Server Metrics

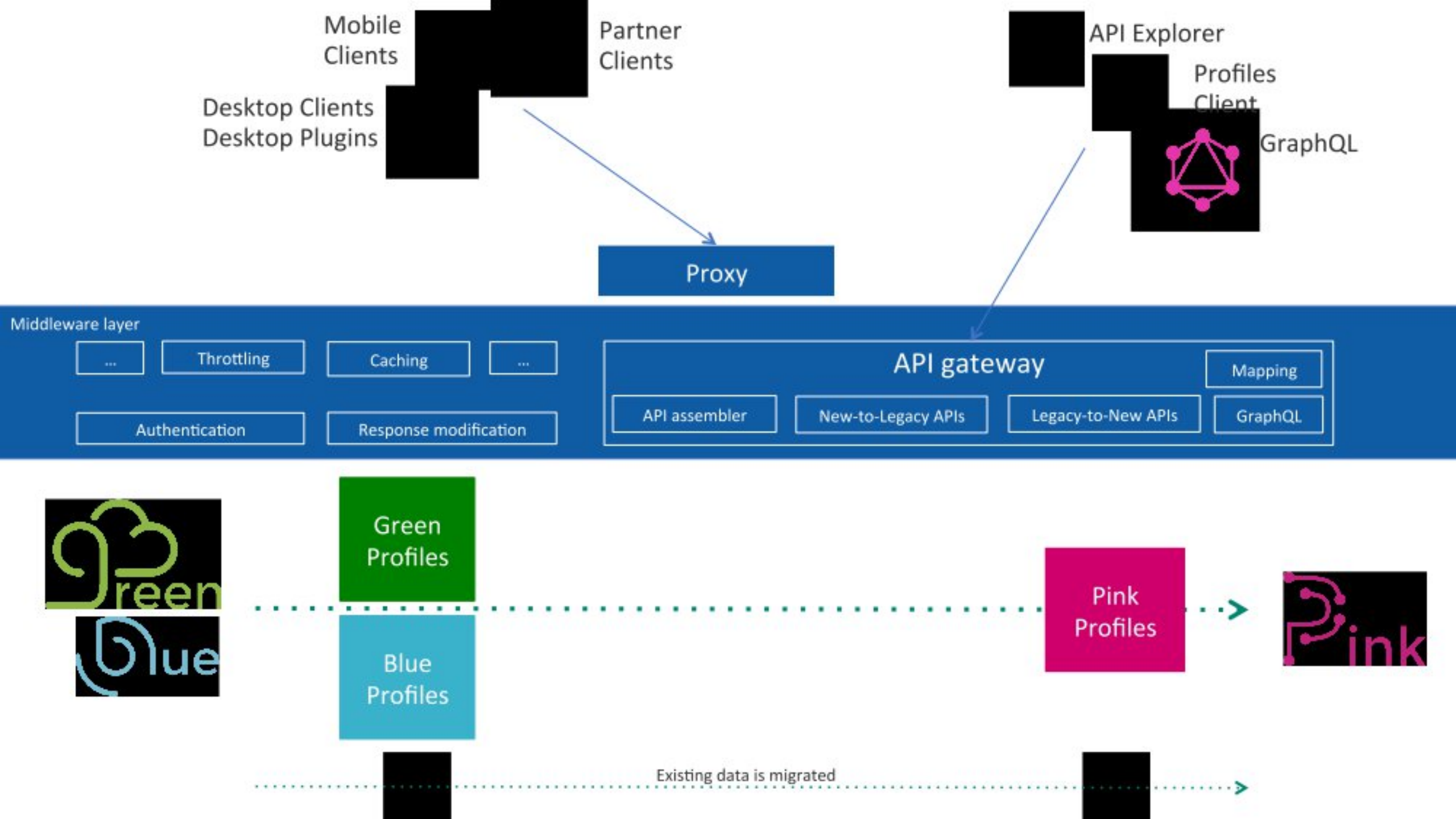
About

IBM Connections on ibm.com

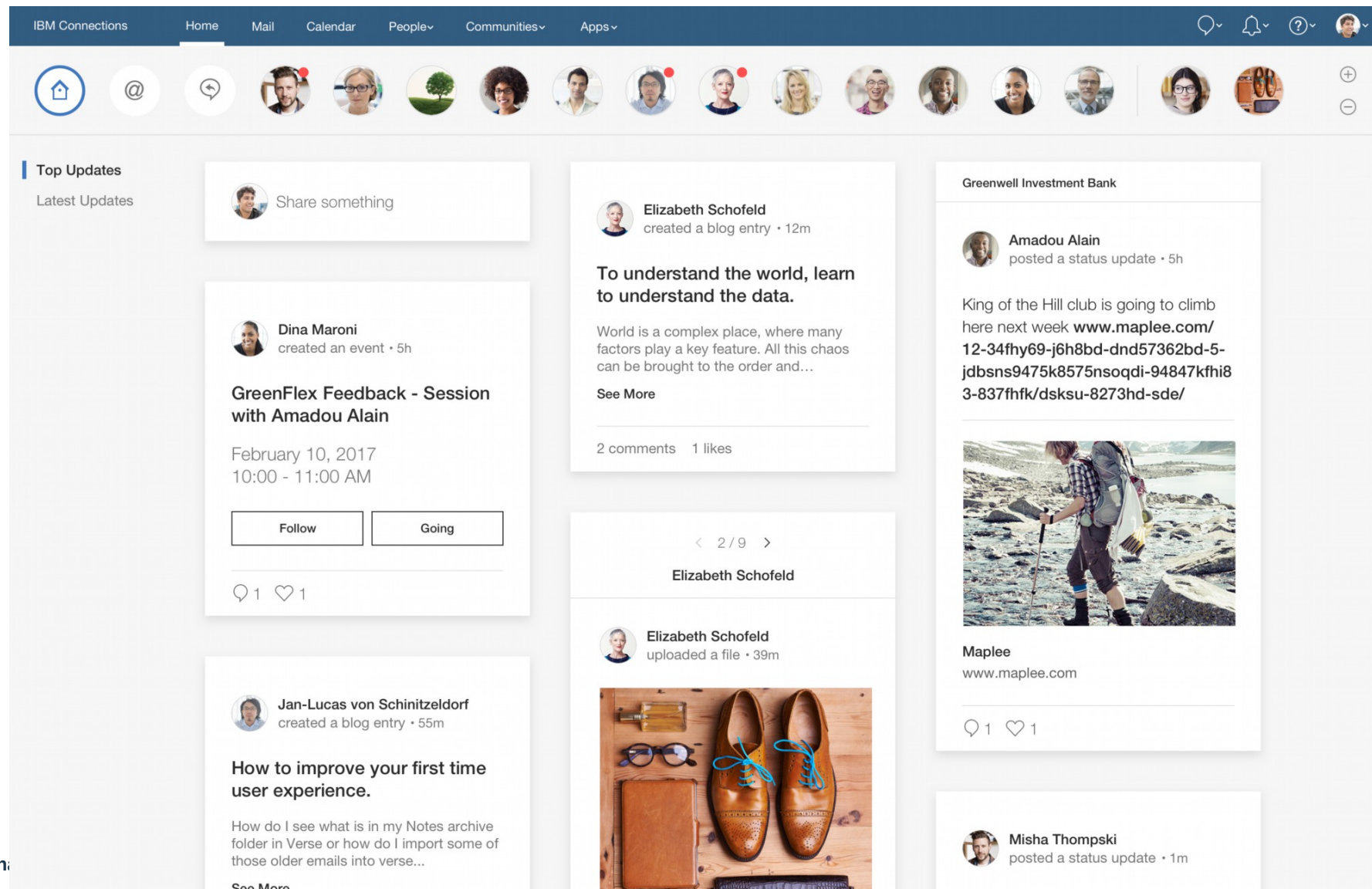
Submit Feedback







# Orient Me



**\*Designs are subject to change**

- Apache ZooKeeper
  - Apache Hadoop
  - Koordination von verteilten Anwendungen
- MongoDB
  - Dokumentorientierte Open Source Datenbank (NoSQL)
- Redis
  - Verwaltung von In-Memory Datenstrukturen für Datenbank, Cache und Message Broker
- SOLR
  - Enterprise Suchmaschine

- Open Source Software
- Viele verschiedene Komponenten
- Eng verzahnt
- Updates
- Konfiguration
- Load Balancing

# Was bedeutet das für die Infrastruktur?

- “On premises Cloud”
- Docker
- Kubernetes
- Flannel
- Helm
- Ansible
- Continuous Delivery
  - Permanente Updates?
- Herausforderung
  - Schulung
  - Management
  - Monitoring (Tool um Container bei Last hinzuzufügen)



- IBM Spectrum Conductor for Containers (CfC)
  - Dockerbasierte Management Lösung
  - GUI für Docker, Kubernetes etc
  - Skalierbar
- Orient Me Installer\*
  - Installiert CfC\*
  - Erstellt notwendige NFS Shares\*
  - Installiert alle notwendigen Anwendungen und Abhängigkeiten\*
- Red Hat (CentOS) 7.x only
- Separater Server
- Verhindert den "Write once, run everywhere" Ansatz von Docker\*

**\* Release 31.3.2017 – Subjects can change**

# Container von Orient Me

```
[root@orientme2 ~]# kubectl get services
```

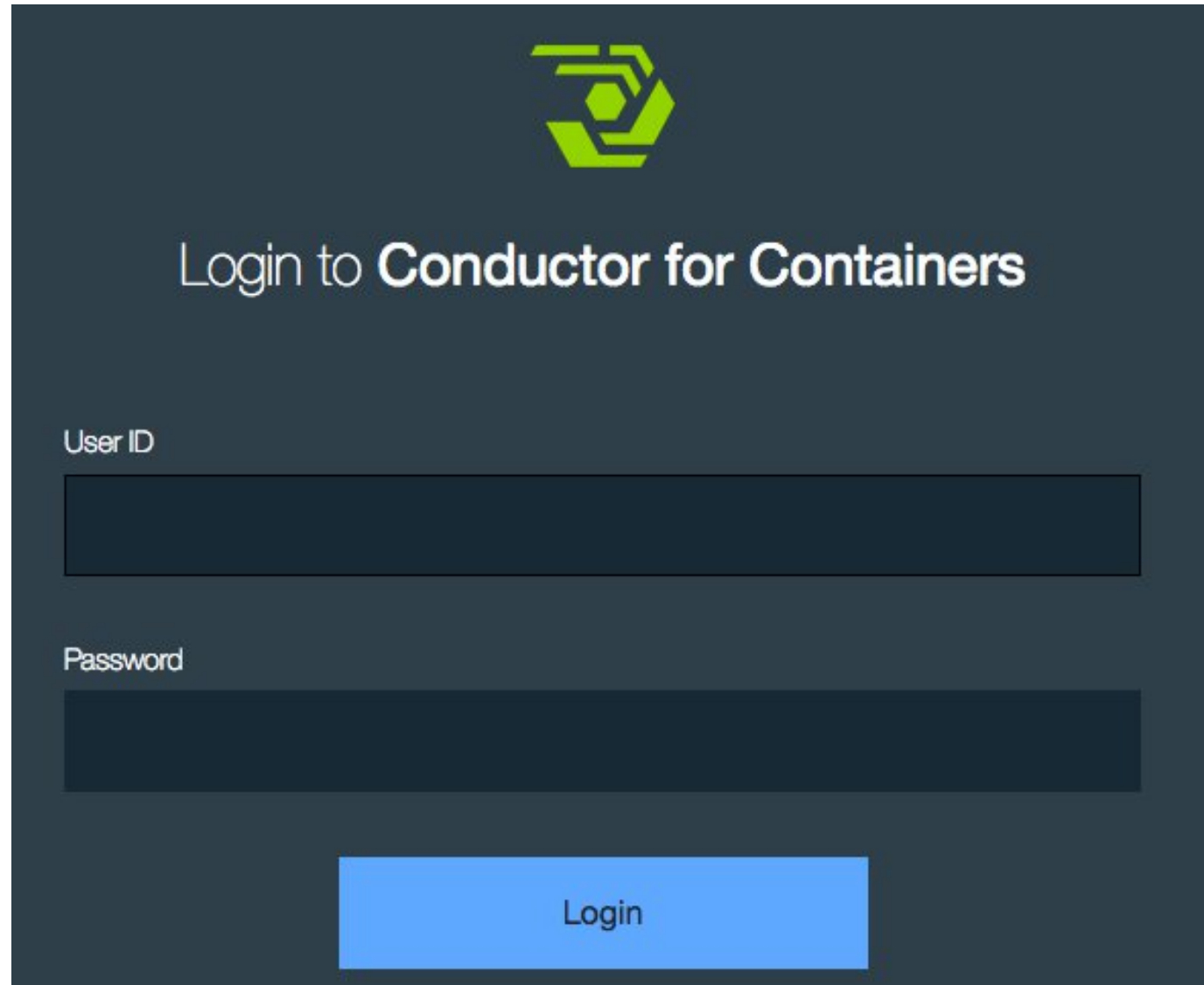
NAME	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
analysiservice	10.0.0.248	<nodes>	9103:30570/TCP	12h
indexingservice	10.0.0.21	<nodes>	9101:30221/TCP	12h
itm-services	10.0.0.195	<nodes>	3000:31857/TCP	12h
kubernetes	10.0.0.1	<none>	443/TCP	12h
mail-service	10.0.0.157	<nodes>	3000:30604/TCP	12h
mongo	None	<none>	27017/TCP	12h
orient-webclient	10.0.0.11	<nodes>	8000:31421/TCP	12h
people-relation	10.0.0.184	<nodes>	3000:30564/TCP	12h
people-scoring	10.0.0.29	<nodes>	3000:30905/TCP	12h
redis	10.0.0.81	<pending>	6379:30379/TCP	12h
retrievalservice	10.0.0.25	<nodes>	9102:32049/TCP	12h
solr1	10.0.0.7	<none>	8983/TCP	12h
solr2	10.0.0.49	<none>	8983/TCP	12h
solr3	10.0.0.54	<none>	8983/TCP	12h
zookeeper1	10.0.0.206	<none>	2181/TCP, 2888/TCP, 3888/TCP	12h
zookeeper2	10.0.0.33	<none>	2181/TCP, 2888/TCP, 3888/TCP	12h
zookeeper3	10.0.0.204	<none>	2181/TCP, 2888/TCP, 3888/TCP	12h


# Deployment abgeschlossen

```
++ pwd
+ docker run -e LICENSE=accept --rm -v /opt/./data ibmcom/helm:v2.1.3 cp /usr/local/bin/helm /data
+ echo

+ mkdir -p /var/lib/helm /usr/local/bin
+ rm -f /usr/local/bin/helm
+ mv ./helm /usr/local/bin/helm
+ helm init --client-only
Creating /root/.helm
Creating /root/.helm/repository
Creating /root/.helm/repository/cache
Creating /root/.helm/repository/local
Creating /root/.helm/plugins
Creating /root/.helm/starters
Creating /root/.helm/repository/repositories.yaml
Creating /root/.helm/repository/local/index.yaml
$HELM_HOME has been configured at $HOME/.helm.
Not installing tiller due to 'client-only' flag having been set
Happy Helming!

Admin UI URL: https://[redacted]:8443
```

The login interface for Conductor for Containers. It features a dark blue background with a green logo at the top center. Below the logo, the text "Login to Conductor for Containers" is displayed. There are two input fields: "User ID" and "Password", both with dark blue borders. A blue "Login" button is positioned at the bottom center.



Login to **Conductor for Containers**

User ID

Password

Login

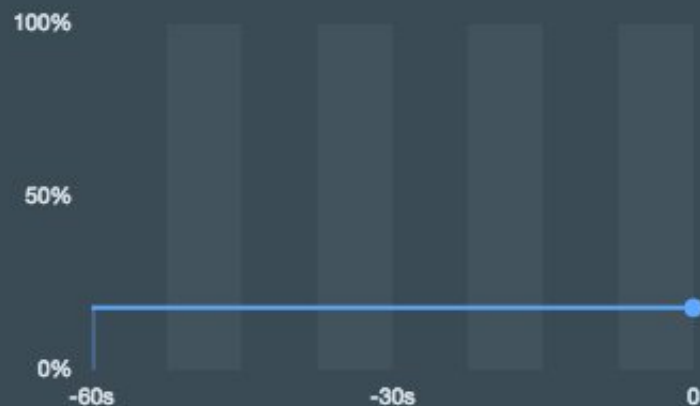


## Dashboard

### Resource Utilization

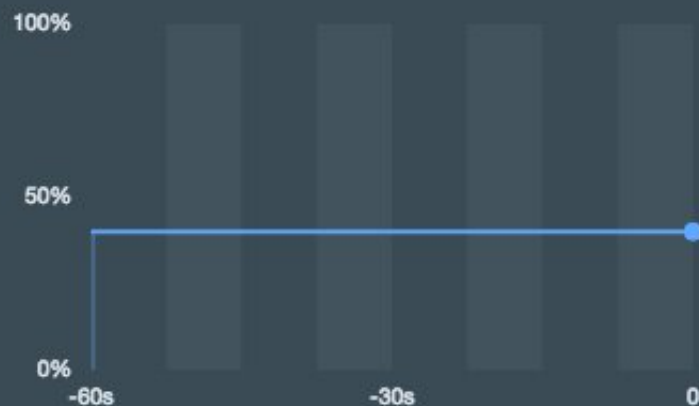
#### CPU

18%  
1.1 of 6 CPUs



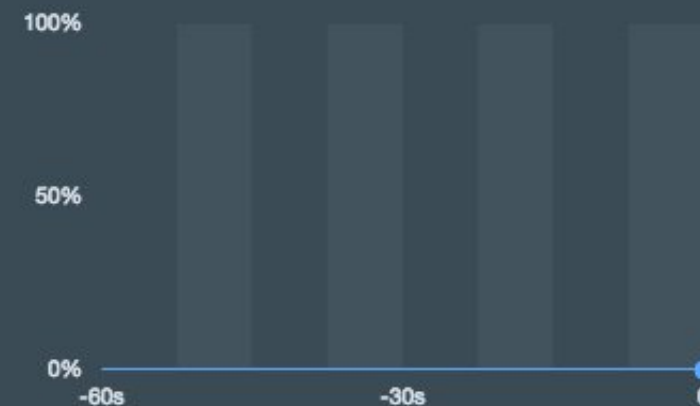
#### Memory

40%  
3.11 GiB of 7.71 GiB



#### GPU

0%  
0 B of 0 B



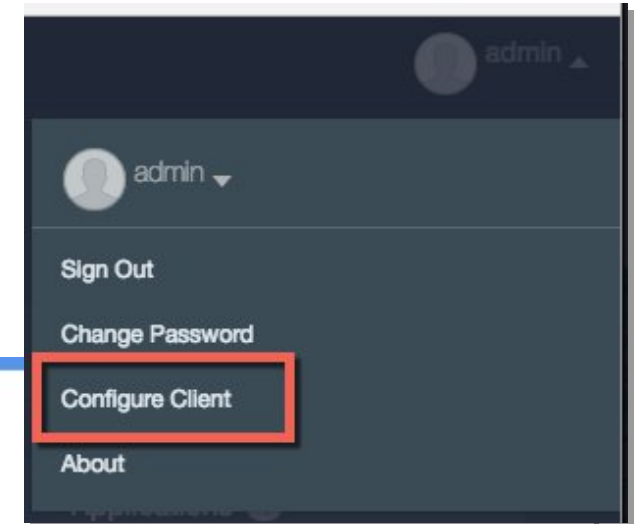
- Community Edition
- Version 1.1.0
- Sammlung aus
  - Kubernetes
  - Elasticsearch
  - Logstash
  - Kibana
  - Grafana
  - Usw.
- Monitoring
- Management
- Installation

## Prerequisites:

A command-line tool: kubectl

To config the CLI, copy and paste into your terminal:

```
kubectl config set-cluster cfc --server=https://172.16.127.50:8001 --inse
kubectl config set-context cfc --cluster=cfc
kubectl config set-credentials user --token=eyJhbGciOiJSUzI1NiIsImtpZCI6IjZC
kubectl config set-context cfc --user=user
kubectl config use-context cfc
```



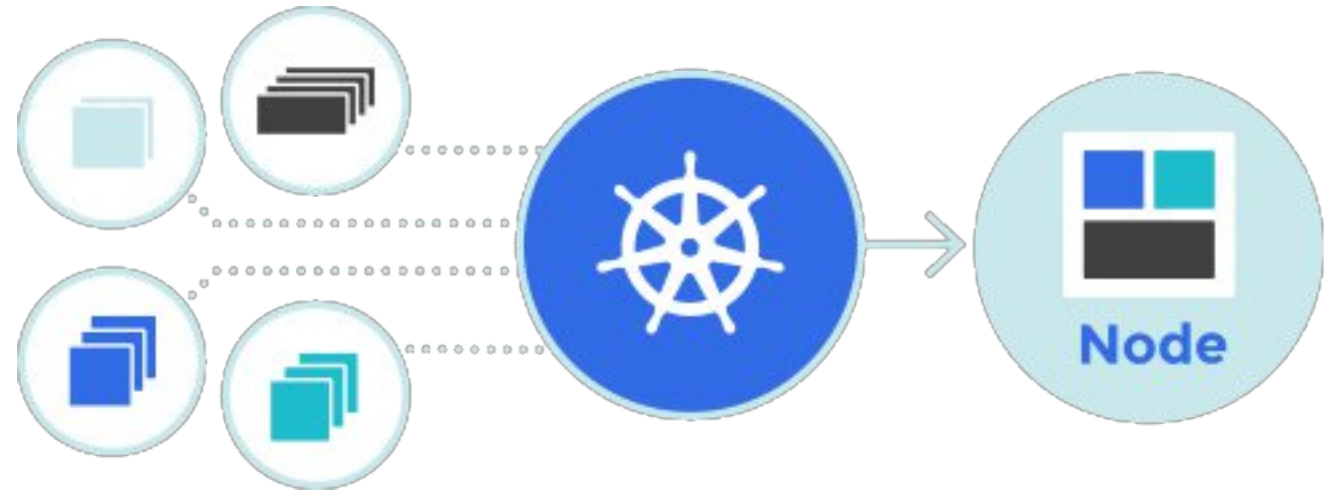


- Docker
- Docker-py
- Rest installiert sich aus einem Docker Container innerhalb von 10-15 min
- IBM gibt uns damit die Möglichkeit Docker Cluster zu erstellen und zu steuern

# Container ecosystem



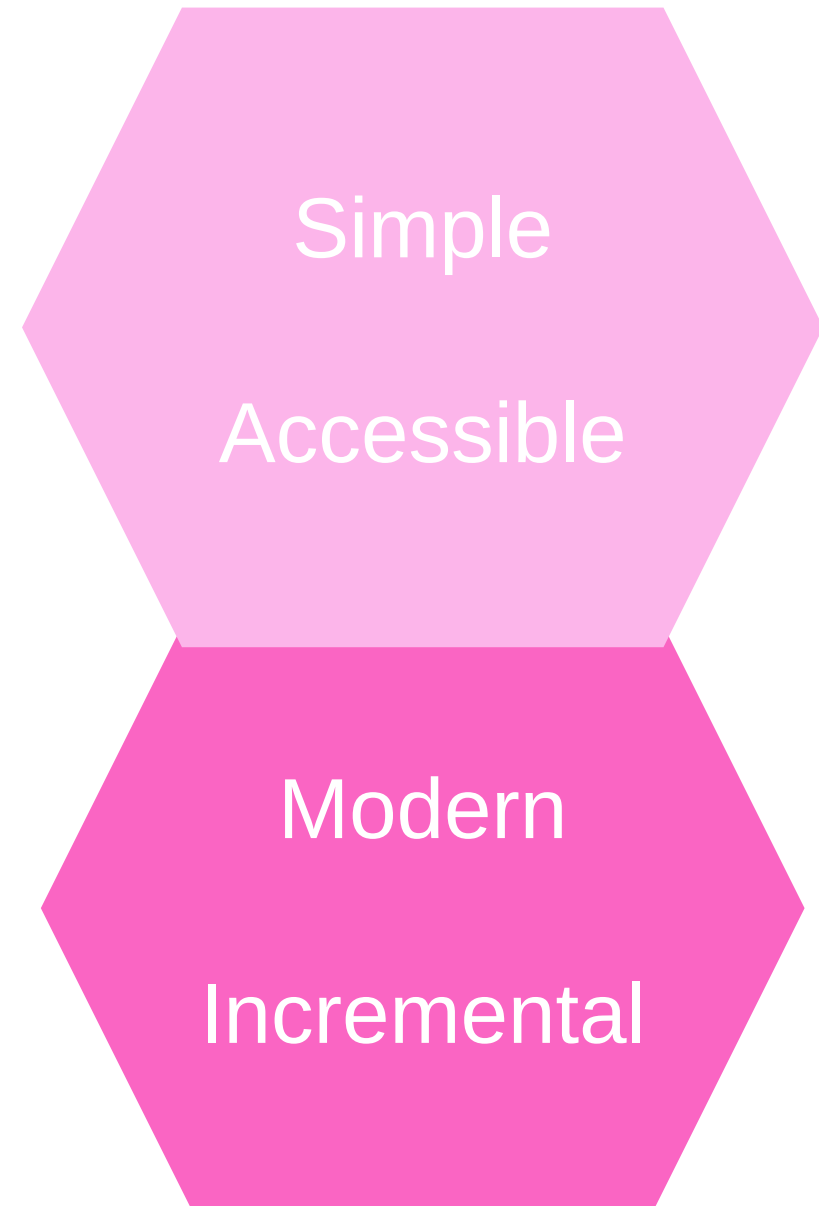
- Mit im Paket von CfC
- Zuständig für Container
  - Installation
  - Skalierung
  - Management
- kubectl für Terminal
  - `kubectl get pods -o wide`
  - **`kubectl exec -it people-migrate-xxxxxxxxxxxxxx-xxxx bash`**
  - Konfiguration einer Datei im Container anpassen
  - **`npm run start migrate`**
  - Importiert Benutzeraccounts



The future is  
**pink**

# At a glance: Connections Pink

- Containerized deployment
- Continuous, simultaneous delivery of new features to on premises and cloud, beginning Sept 2017
- Microservice-based architecture
- Collaboration platform built for today
- Open ecosystem; customizable
- Made for developers: everything is an API
- New technology stack



- Geplant sind Client Applikationen auf Basis von electron
- Browser nur noch sekundär
- Geringerer Aufwand bei Browser Kompatibilität
- Aber eventuell in Ihrer Firma schwieriger durchzusetzen, da Installation notwendig





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