



Beta Cloud Clustering App

Visual Instructions



1. Data taking / scoring

Cloud landscape clustering tool (1.4 beta)

Add your scores

Cluster analysis

View base data

Thank you for adding your scores! To be able to verify your data and include it in the pool of verified data, we need your contact details so that we can reach you.

FirstName:
 Last name:
 Affiliation:
 E-Mail address:
 Project/Activity:
 Project website:

NIST Cloud Computing Characteristic	very unimportant				very important			
	1			5			9	
On-demand self-service	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Broad network access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resource pooling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rapid elasticity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Measured service	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Massive scale	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Homogeneity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Virtualisation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Low cost software	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resilient computing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Geographic distribution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Service orientation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advanced security	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

NIST SP800-145

Essential

Common

2ojbx0

Clear Submit Scores

2. Interactive analysis

Cloud landscape clustering tool (1.4 beta)

Add your scores

Cluster analysis

View base data

Analysis options

Clustering options

Presets: All Essential Common Custom

Max. cluster distance:

Custom:

Essential

On-demand self-service
Broad network access
Resource pooling
Rapid elasticity
Measured service

Common

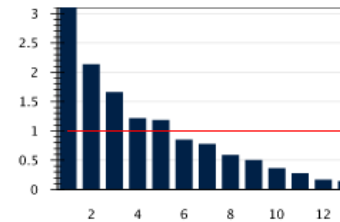
Massive scale
Homogeneity
Virtualisation
Low cost software
Resilient computing
Geographic distribution
Service orientation
Advanced security

NOTE: The "Custom" preset requires selecting AT LEAST TWO essential or common characteristics.

- Include also unvalidated responses in analysis
- Use a custom significance threshold of
- Project scores onto significant characteristics
- Display analysis details

Principal Component Analysis

Included responses: 38
Significant characteristics: 5
Data coverage: 71.61%



Clustering

UNCLUSTERED	On-demand self-service	Broad network access	Resource pooling	Rapid elasticity	Measured service	Massive scale	Homogeneity	Virtualisation	Low cost software	Resilient computing	Geographic distribution	Service orientation	Advanced security
ARTIST	-2.9807	-0.8362	0.9507	1.3677	1.2896	-1.8002	-3.3085	-3.6454	0.4148	-2.0314	-0.1038	-0.7240	-0.6370
BigFoot	1.0870	-1.6419	0.8012	1.2915	-2.0315	1.1517	0.3312	1.7134	-1.1223	-0.4414	2.1217	-3.2349	-1.8512
BrokerAtCloud	-2.0813	-1.0936	0.1749	-0.9981	0.3712	-2.1484	0.4208	0.4642	-2.5874	1.9574	-0.0404	0.7952	2.5803
CloudScale	1.9981	2.0426	-0.4247	0.4499	0.2580	1.8247	-0.3063	-1.0501	3.2429	-1.9922	-0.9642	0.3841	-1.9051
CloudTeams	0.9578	1.9024	0.9985	-1.8614	-3.6131	-2.3342	1.1792	-1.3485	0.3539	-4.5232	-3.6173	-3.0404	0.3129
EmbassyCloud	0.0370	-0.0676	-2.0885	-3.5604	-1.5359	-1.4990	1.5072	1.0024	-1.5231	0.9795	-2.2005	1.3056	1.9688
SUPERCLOUD	-0.1585	-1.7120	0.3535	-1.1414	-2.2221	-1.2038	2.0047	2.7170	-3.5527	1.6303	0.7319	-1.6471	1.6130

3. Access underlying data

Add your scores

Cluster analysis

View base data

Project	On-demand self-service	Broad network access	Resource pooling	Rapid elasticity	Measured service	Massive scale	Homogeneity	Virtualisation	Low cost software	Resilient computing	Geographic distribution	Service orientation	Advanced security
ARTIST	3	5	8	7	8	2	1	1	6	1	7	7	3
ASCETiC	7	2	5	7	9	7	3	5	7	8	7	6	2
BETaaS	7	8	6	7	6	4	3	4	2	7	6	7	5
BNCweb	7	4	4	3	2	4	5	3	5	2	1	7	2
BigFoot	9	4	9	9	1	9	1	9	1	6	4	4	1
BrokerAtCloud	3	4	7	4	7	2	8	7	2	8	5	9	7
CELAR	8	4	7	9	5	2	4	7	5	9	6	7	3
COMPOSE	7	4	6	7	6	2	4	7	7	6	2	9	4
Catania SG	8	6	6	7	5	6	6	8	7	5	6	5	5
CloudCatalyst	6	6	6	4	1	1	1	6	8	4	4	6	5

2-step process:

- Submit scores
- Offline verification

Using the tool: What you can control

1. Choose characteristics for analysis.

Analysis options

Presets: All Essential Common Custom

Custom:

Essential	Common
On-demand self-service Broad network access Resource pooling Rapid elasticity Measured service	Massive scale Homogeneity Virtualisation Low cost software Resilient computing Geographic distribution Service orientation Advanced security

NOTE: The "Custom" preset requires selecting AT LEAST TWO essential or common characteristics.

Include also unvalidated responses in analysis

Use a custom significance threshold of

Project scores onto significant characteristics

Display analysis details

Clustering options

Max. cluster distance:

4. Control cluster size

5. Advanced clustering options coming soon

2. Control significance threshold.

3. Configure data projection

5. Advanced clustering options coming soon