

Case 1

No. of sites = Any, CPU=20, Mem=40, Additional Net=None, Image=ROCK, Time begin=8:00, Time end=10:00, Duration=From begin to end

The screenshot shows the 'Search by Criteria' dialog box over a world map. The search parameters are:

- Resources**: Number of site(s): Any, Total CPU (CPUs): 20, Total Memory (GB): 40.
- Duration**: Advance, Begin: 15-Feb-2018 8:00, End: 15-Feb-2018 10:00.
- Reservation length**: From begin to end, 0 days 1 hours.
- Others**: Additional Network: ENT.

The screenshot shows the 'Search by Criteria' dialog box over a world map. The search parameters are identical to the first screenshot, except for the 'Additional Network' setting which is now set to ENT.

PRAGMA Cloud Testbed services

04-JAN-2018 16:12
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BACK TO ORIGINAL MAP

Search by name

RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Search by Criteria

Total CPU (Core) : 20 Total memory (GB) : 40
*Resources are distributed evenly among sites unless specified otherwise.

Duration : Advance
Begin: 15-Feb-2018 8:00 End: 15-Feb-2018 10:00
Reservation length:
 From begin to end
 days hours
* Maximum length : 0 days 1 hours

Others
Additional Network:
 None ENT IPOP
Image type: Rock

SEARCH

Search result (10):

Sort by : Name

CU(Asia) x KU(Asia)		Total CPU : 20 Total Memory : 40 Number of sites : Any	
15-FEB-2018 8:00 to 15-FEB-2018 10:00	CPU : 20 (10:10) from total available 26/36 CPUs	CPU Speed : 2.3 GHz	Network : None (600 Mbps)
	Memory : 40 GB (20:20) from total available 52/72 GB		
CU(Asia) x UCSD(America)			
15-FEB-2018 8:00 to 15-FEB-2018 10:00	CPU : 20 (10:10) from total available 38/148 CPUs	CPU Speed : 2.8 GHz	Network : ENT, IPOP (600 Mbps)
	Memory : 40 GB (20:20) from total available 132/552 GB		
CU(Asia) x UF(America)			
15-FEB-2018 8:00 to 15-FEB-2018 10:00	CPU : 20 (10:10) from total available 138/148 CPUs	CPU Speed : 2.8 GHz	Network : ENT, IPOP (600 Mbps)
	Memory : 40 GB (20:20) from total available 138/552 GB		

Click on site's name for more description.

Click on the marker to view Info.

Google

PRAGMA Cloud Testbed services

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BACK TO ORIGINAL MAP

Search by name

RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Search by Criteria

Total CPU (Core) : 20 Total memory (GB) : 40
*Resources are distributed evenly among sites unless specified otherwise.

Duration : Advance
Begin: 15-Feb-2018 8:00 End: 15-Feb-2018 10:00
Reservation length:
 From begin to end
 days hours
* Maximum length : 0 days 1 hours

Others
Additional Network:
 None ENT IPOP
Image type: Rock

SEARCH

Search result (10):

Sort by : Name

CU(Asia) x UF(America)		Memory : 40 GB (20:20) from total available 132/552 GB Network : ENT, IPOP (600 Mbps)	
15-FEB-2018 21:00 to 10-FEB-2018 5:00	CPU : 20 (10:10) from total available 138/148 CPUs	CPU Speed : 2.8 GHz	Network : IPOP (600 Mbps)
	Memory : 40 GB (20:20) from total available 276/296 GB		
KU(Asia) x UCSD(America)		CPU Speed : 2.3 GHz Network : None (1000 Mbps)	
15-FEB-2018 8:00 to 15-FEB-2018 10:00	CPU : 20 (10:10) from total available 46/144 CPUs	CPU Speed : 2.8 GHz	Network : ENT, IPOP (600 Mbps)
	Memory : 40 GB (20:20) from total available 144/544 GB		
KU(Asia) x UF(America)		CPU Speed : 2.8 GHz Network : None (1000 Mbps)	
15-FEB-2018 8:00 to 15-FEB-2018 10:00	CPU : 20 (10:10) from total available 144/144 CPUs	CPU Speed : 2.8 GHz	Network : ENT, IPOP (600 Mbps)
	Memory : 40 GB (20:20) from total available 288/288 GB		
UCSD(America) x UF(America)		CPU Speed : 2.8 GHz Network : IPOP (10000 Mbps)	
15-FEB-2018 8:00 to 10-FEB-2018 10:00	CPU : 20 (10:10) from total available 156/256 CPUs	CPU Speed : 2.8 GHz	Network : ENT, IPOP (600 Mbps)
	Memory : 40 GB (20:20) from total available 156/768 GB		

Click on site's name for more description.

Click on the marker to view Info.

Google

Case 2

No. of sites = Any, CPU=20, Mem=40, Additional Net=IPOP, Image=ROCK, Time

begin=8:00, Time end=10:00, Duration=From begin to end

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BACK TO ORIGINAL MAP

Search by Criteria X

Single **Multi**

Resources
Number of site(s): **Any**

Total CPU (CPUs) **20** Total Memory (GB) **40**

*Resources are distributed evenly among sites unless specified otherwise.

Duration
Begin: **15-Feb-2018** **8:00**
End: **15-Feb-2018** **10:00**

Reservation length:
 From begin to end
 days **hours**
* Maximum length : 0 days 1 hours

Others
Additional Network:
 None ENT IPOP

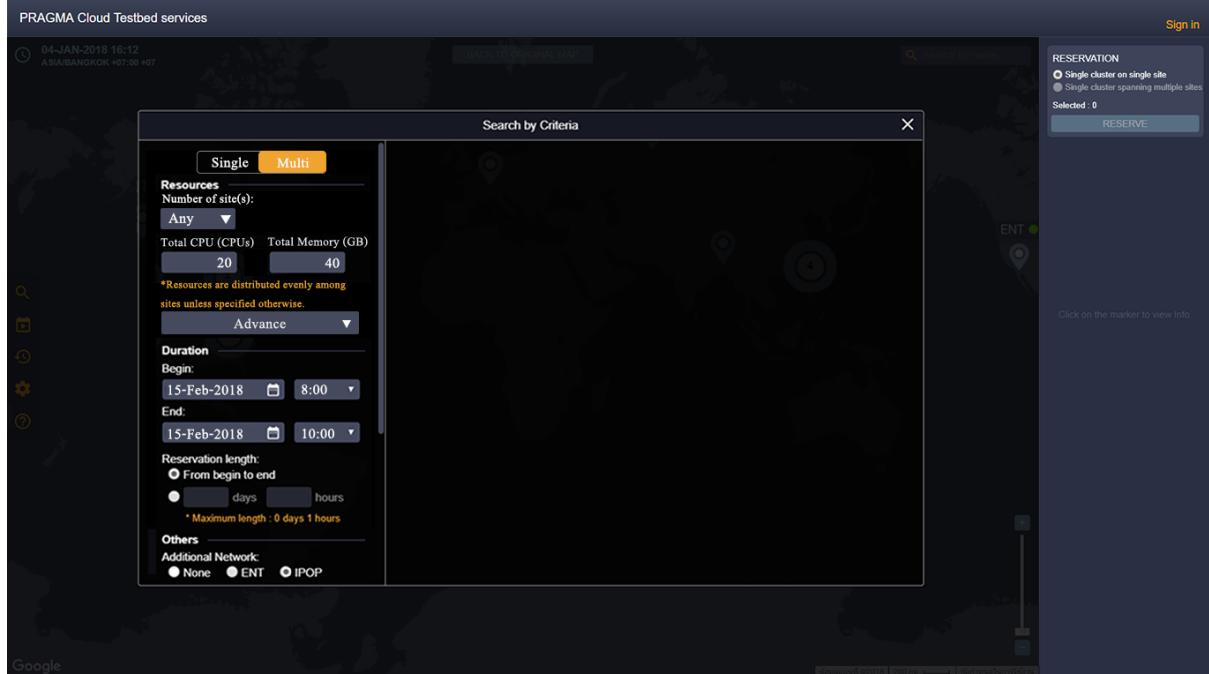
RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Click on the marker to view Info

Google

Downloaded 09/2018 | 200 ms. latency | 100ms bandwidth



This screenshot shows the 'Search by Criteria' dialog box over a world map. The dialog box contains fields for resources (Total CPU: 20, Total Memory: 40), duration (Begin: 15-Feb-2018 8:00, End: 15-Feb-2018 10:00), and additional network (ENT, IPOP selected). The 'Single' tab is selected. The 'RESERVATION' section has 'Single cluster on single site' selected. A 'RESERVE' button is visible on the right.

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BACK TO ORIGINAL MAP

Search by Criteria X

Single **Multi**

Resources
Number of site(s): **Any**

Total CPU (CPUs) **20** Total Memory (GB) **40**

*Resources are distributed evenly among sites unless specified otherwise.

Duration
Begin: **15-Feb-2018** **8:00**
End: **15-Feb-2018** **10:00**

Reservation length:
 From begin to end
 days **hours**
* Maximum length : 0 days 1 hours

Others
Additional Network:
 None ENT IPOP
Image type:
Rock

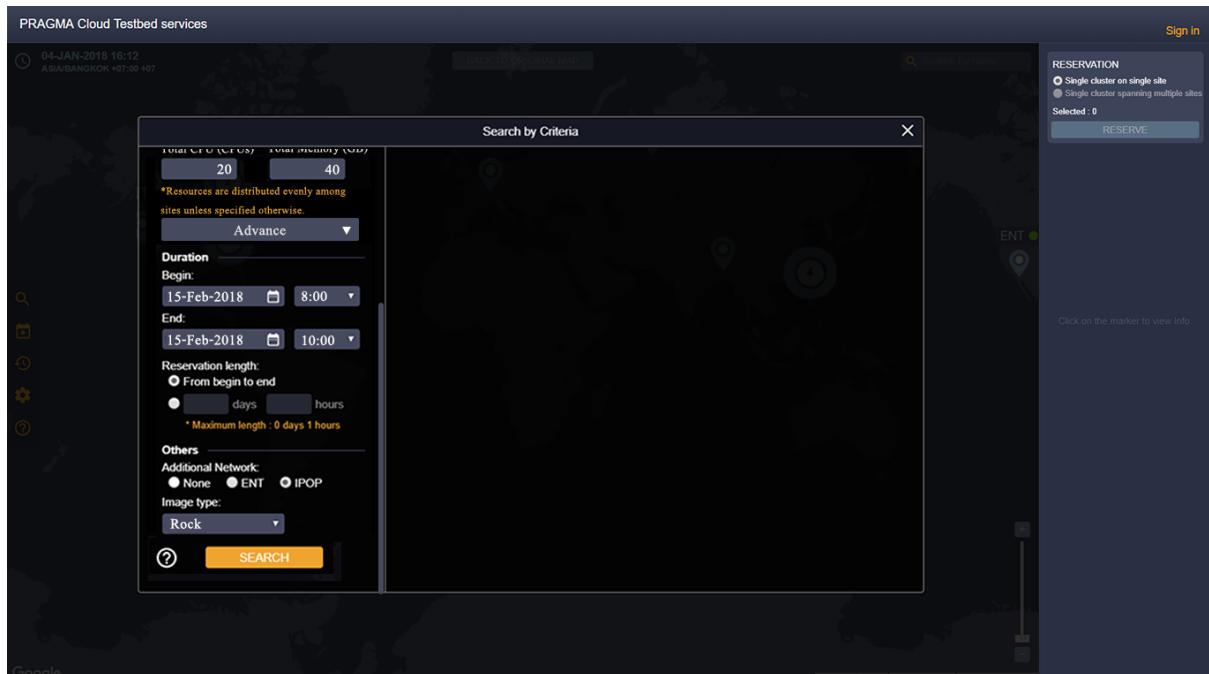
RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Click on the marker to view Info

Google

Downloaded 09/2018 | 200 ms. latency | 100ms bandwidth



This screenshot shows the 'Search by Criteria' dialog box over a world map. It includes all the fields from the first screenshot plus an 'Image type' dropdown set to 'Rock'. The 'Single' tab is selected. The 'RESERVATION' section has 'Single cluster on single site' selected. A 'RESERVE' button is visible on the right.

PRAGMA Cloud Testbed services

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BACK TO ORIONAL MAP

Search by name

RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Total CPU (CPU/s) Total memory (GB)
20 40
*Resources are distributed evenly among sites unless specified otherwise.

Duration
Advance
Begin: 15-Feb-2018 8:00
End: 15-Feb-2018 10:00
Reservation length:
 From begin to end
 days hours
* Maximum length : 0 days 1 hours

Others
Additional Network:
 None ENT IPPOP
Image type:
Rock

SEARCH

Search by Criteria

Search result (10):
Begin : 15-Feb-2018 8:00 End : 15-Feb-2018 10:00 Reservation length : 0 days 2 hours Additional network : IPPOP Image type : Rock

Total CPU : 20 Total Memory : 40 Number of sites : Any

Click on site's name for more description.

Sort by : Name

CU(Asia) x UCSD(America)
15-FEB-2018 8:00 to 15-FEB-2018 10:00
CPU : 20 (10:10) from total available 38/148 CPUs CPU Speed : 2.8 GHz
Memory : 40 GB (20:20) from total available 142/552 GB Network : IPPOP (600 Mbps)

CU(Asia) x UF(America)
15-FEB-2018 8:00 to 16-FEB-2018 10:00
CPU : 20 (10:10) from total available 144/160 CPUs CPU Speed : 2.8 GHz
Memory : 40 GB (20:20) from total available 128/192 GB Network : IPPOP (600 Mbps)

UCSD(Asia) x UF(America)
15-FEB-2018 8:00 to 16-FEB-2018 10:00
CPU : 20 (10:10) from total available 156/256 CPUs CPU Speed : 3.5 GHz

Click on the marker to view info.

PRAGMA Cloud Testbed services

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BACK TO ORIONAL MAP

Search by name

RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Total CPU (CPU/s) Total memory (GB)
20 40
*Resources are distributed evenly among sites unless specified otherwise.

Duration
Advance
Begin: 15-Feb-2018 8:00
End: 15-Feb-2018 10:00
Reservation length:
 From begin to end
 days hours
* Maximum length : 0 days 1 hours

Others
Additional Network:
 None ENT IPPOP
Image type:
Rock

SEARCH

Search by Criteria

Search result (10):
Begin : 15-Feb-2018 8:00 End : 15-Feb-2018 10:00 Reservation length : 0 days 2 hours Additional network : IPPOP Image type : Rock

Total CPU : 20 Total Memory : 40 Number of sites : Any

Click on site's name for more description.

Sort by : Name

CU(Asia) x UCSD(America)
15-FEB-2018 8:00 to 15-FEB-2018 10:00
CPU : 20 (10:10) from total available 38/148 CPUs CPU Speed : 2.8 GHz
Memory : 40 GB (20:20) from total available 142/552 GB Network : IPPOP (600 Mbps)

CU(Asia) x UF(America)
15-FEB-2018 8:00 to 16-FEB-2018 10:00
CPU : 20 (10:10) from total available 144/160 CPUs CPU Speed : 2.8 GHz
Memory : 40 GB (20:20) from total available 128/192 GB Network : IPPOP (600 Mbps)

UCSD(Asia) x UF(America)
15-FEB-2018 8:00 to 16-FEB-2018 10:00
CPU : 20 (10:10) from total available 156/256 CPUs CPU Speed : 3.5 GHz
Memory : 40 GB (20:20) from total available 368/768 GB Network : IPPOP (10000 Mbps)

Click on the marker to view info.

Case 3

No. of sites = Any, CPU=20, Mem=40, Additional Net=IPOP, Image=ROCK, Time

begin=8:00, Time end=12:00, Duration= 2 hours

PRAGMA Cloud Testbed services

04-JAN-2018 16:12
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BACK TO ORIGINAL MAP

Search by Criteria X

Single **Multi**

Resources
Number of site(s): **Any**

Total CPU (CPUs) **20** Total Memory (GB) **40**
*Resources are distributed evenly among sites unless specified otherwise.

Duration
Begin: **15-Feb-2018** **8:00**
End: **15-Feb-2018** **12:00**

Reservation length:
 From begin to end
 2 hours
* Maximum length : 0 days 1 hours

Others
Additional Network:
 None ENT IPOP

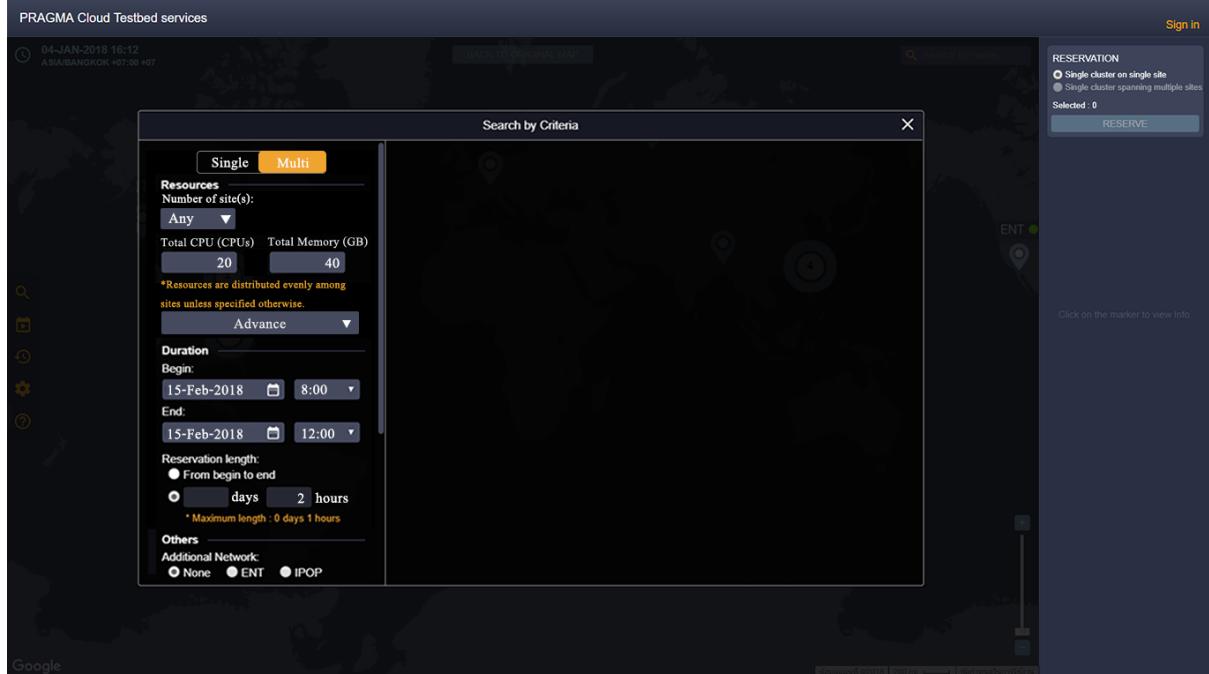
RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Click on the marker to view Info

Google

Download 0.0018 | 200 ms | 1.000 ms | 100ms | 100ms | 100ms



This screenshot shows the 'Search by Criteria' dialog box on the PRAGMA Cloud Testbed services website. The 'Single' tab is selected. The 'Resources' section has 'Any' chosen for the number of sites. Under 'Duration', the 'Begin' date is set to '15-Feb-2018' at '8:00' and the 'End' date is set to '15-Feb-2018' at '12:00'. In the 'Reservation length' section, the 'From begin to end' option is selected, resulting in a duration of '2 hours'. The 'Others' section includes 'Additional Network' options where 'ENT' and 'IPOP' are selected, while 'None' is unselected. The 'Image type' dropdown is set to 'Rock'. The 'RESERVATION' sidebar on the right shows 'Single cluster on single site' is selected, with 'Selected : 0' and a 'RESERVE' button.

PRAGMA Cloud Testbed services

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BACK TO ORIGINAL MAP

Search by Criteria X

Single **Multi**

Resources
Number of site(s): **Any**

Total CPU (CPUs) **20** Total Memory (GB) **40**
*Resources are distributed evenly among sites unless specified otherwise.

Duration
Begin: **15-Feb-2018** **8:00**
End: **15-Feb-2018** **12:00**

Reservation length:
 From begin to end
 2 hours
* Maximum length : 0 days 1 hours

Others
Additional Network:
 None ENT IPOP
Image type:
Rock

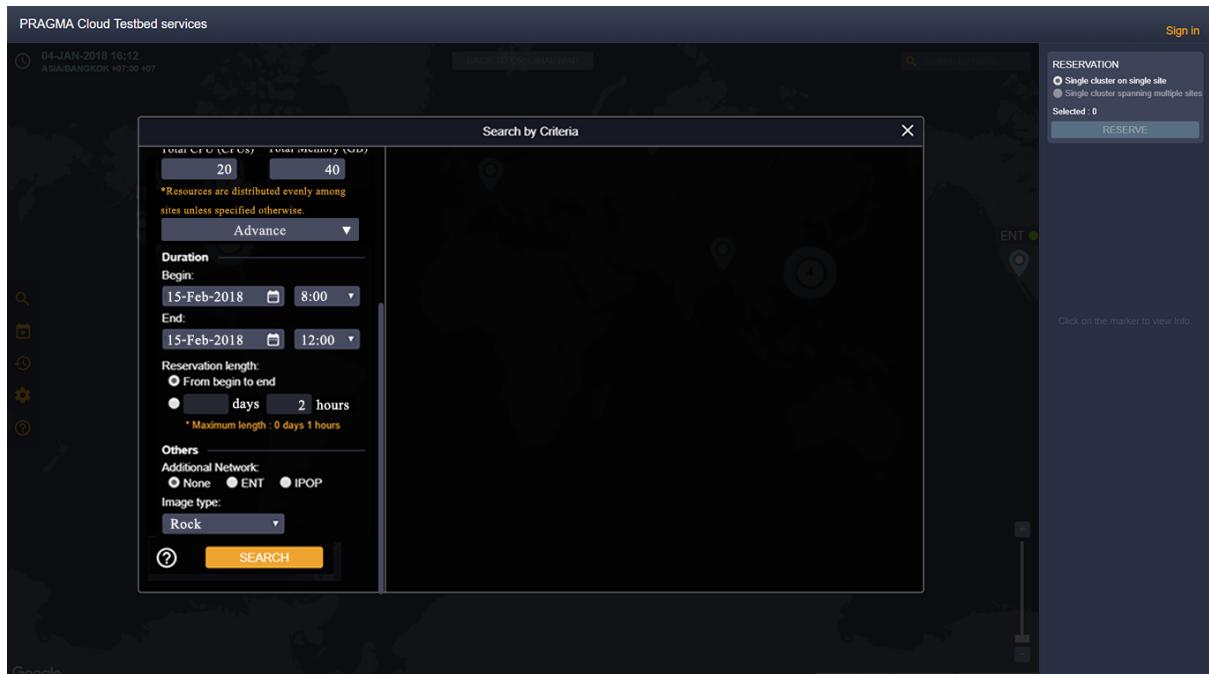
RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Click on the marker to view Info

Google

Download 0.0018 | 200 ms | 1.000 ms | 100ms | 100ms | 100ms



This screenshot shows the 'Search by Criteria' dialog box on the PRAGMA Cloud Testbed services website. The 'Single' tab is selected. The 'Resources' section has 'Any' chosen for the number of sites. Under 'Duration', the 'Begin' date is set to '15-Feb-2018' at '8:00' and the 'End' date is set to '15-Feb-2018' at '12:00'. In the 'Reservation length' section, the 'From begin to end' option is selected, resulting in a duration of '2 hours'. The 'Others' section includes 'Additional Network' options where 'ENT' and 'IPOP' are selected, while 'None' is unselected. The 'Image type' dropdown is set to 'Rock'. The 'RESERVATION' sidebar on the right shows 'Single cluster on single site' is selected, with 'Selected : 0' and a 'RESERVE' button.

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BACK TO ORIGINAL MAP

Search by name

RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Total CPU (CPUs) Total Memory (GB)
20 40
*Resources are distributed evenly among sites unless specified otherwise.

Duration
Advance

Begin:
15-Feb-2018 8:00
End:
15-Feb-2018 12:00

Reservation length:
 From begin to end
 days 2 hours
* Maximum length : 0 days 1 hours

Others
 None ENT IPOP
Image type:
Rock

SEARCH

Search by Criteria

Search result (10):
Begin : 15-Feb-2018 8:00 End : 15-Feb-2018 12:00 Reservation length : 0 days 2 hours Additional network : None Image type : Rock

Total CPU : 20 Total Memory : 40 Number of sites : Any

Click on site's name for more description.

Sort by : Name

CU(Asia) x KU(Asia)
15-FEB-2018 8:00 to 15-FEB-2018 10:00
CPU : 20 (10:10) from total available 26/36 CPUs CPU Speed : 2.3 GHz
Memory : 40 GB (20:20) from total available 52/72 GB Network : None (600 Mbps)

CU(Asia) x UF(America)
15-FEB-2018 8:00 to 15-FEB-2018 10:00
CPU : 20 (10:10) from total available 138/148 CPUs CPU Speed : 2.8 GHz
Memory : 16 GB (6:12) from total available 286/296 GB Network : IPOP (600 Mbps)

KU(Asia) x UF(America)
15-FEB-2018 8:00 to 15-FEB-2018 10:00
CPU : 20 (10:10) from total available 144/144 CPUs CPU Speed : 2.3 GHz

Click on the marker to view info.

PRAGMA Cloud Testbed services

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BACK TO ORIGINAL MAP

Search by name

RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Total CPU (CPUs) Total Memory (GB)
20 40
*Resources are distributed evenly among sites unless specified otherwise.

Duration
Advance

Begin:
15-Feb-2018 8:00
End:
15-Feb-2018 12:00

Reservation length:
 From begin to end
 days 2 hours
* Maximum length : 0 days 1 hours

Others
 None ENT IPOP
Image type:
Rock

SEARCH

Search by Criteria

Search result (10):
Begin : 15-Feb-2018 8:00 End : 15-Feb-2018 12:00 Reservation length : 0 days 2 hours Additional network : None Image type : Rock

Total CPU : 20 Total Memory : 40 Number of sites : Any

Click on site's name for more description.

Sort by : Name

CU(Asia) x KU(Asia)
15-FEB-2018 8:00 to 15-FEB-2018 10:00
CPU : 20 (10:10) from total available 26/36 CPUs CPU Speed : 2.3 GHz
Memory : 40 GB (20:20) from total available 52/72 GB Network : None (600 Mbps)

CU(Asia) x UF(America)
15-FEB-2018 8:00 to 15-FEB-2018 10:00
CPU : 20 (10:10) from total available 138/148 CPUs CPU Speed : 2.8 GHz
Memory : 16 GB (6:12) from total available 286/296 GB Network : IPOP (600 Mbps)

KU(Asia) x UF(America)
15-FEB-2018 8:00 to 15-FEB-2018 10:00
CPU : 20 (10:10) from total available 144/144 CPUs CPU Speed : 2.3 GHz
Memory : 40 GB (6:12) from total available 288/288 GB Network : None (1000 Mbps)

Click on the marker to view info.

Case 4

No. of sites = Any, CPU=60, Mem=60, Additional Net=None, Image=ROCK, Time

begin=11:00, Time end=13:00, Duration=From begin to end

PRAGMA Cloud Testbed services

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BACK TO REGIONAL MAPS

Search by Criteria X

RESERVATION

Single cluster on single site
Single cluster spanning multiple sites
Selected : 0

RESERVE

Click on the marker to view Info.

ENT

Google

Total CPU (CPUs) Total Memory (GB)

Number of site(s): Any

*Resources are distributed evenly among sites unless specified otherwise.

Advance

Duration

Begin: 15-Feb-2018 11:00

End: 15-Feb-2018 13:00

Reservation length:

From begin to end

days hours

* Maximum length : 0 days 1 hours

Others

Additional Network:

None ENT IPOP

Image type: Rock

SEARCH

PRAGMA Cloud Testbed services

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BACK TO REGIONAL MAPS

Search by Criteria X

RESERVATION

Single cluster on single site
Single cluster spanning multiple sites
Selected : 0

RESERVE

Click on the marker to view Info.

ENT

Google

Total CPU (CPUs) Total Memory (GB)

Number of site(s): Any

*Resources are distributed evenly among sites unless specified otherwise.

Advance

Duration

Begin: 15-Feb-2018 11:00

End: 15-Feb-2018 13:00

Reservation length:

From begin to end

days hours

* Maximum length : 0 days 1 hours

Others

Additional Network:

None ENT IPOP

Image type: Rock

SEARCH

PRAGMA Cloud Testbed services

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BACK TO ORIONIC MAP

Search by name

RESERVATION
 Single cluster on single site
 Single cluster spanning multiple sites
Selected : 0

RESERVE

Total CPU (CPU(s)) Total memory (GB)

*Resources are distributed evenly among sites unless specified otherwise.

Duration
Begin: Advance
End:

Reservation length:
 From begin to end
 days hours
* Maximum length : 0 days 1 hours

Others
Additional Network:
 None ENT IPPOP
Image type:
 SEARCH

Search result (1):
Begin : 15-Feb-2018 11:00 End : 15-Feb-2018 13:00
Reservation length : 0 days 2 hours
Additional network : None
Image type : Rock

Total CPU : 60 Total Memory : 60 Number of sites : Any

Click on site's name for more description.

Sort by : Name

CU(Asia) x UCFD(America) x UF(America)
15-FEB-2018 11:00 to 15-FEB-2018 13:00

CPU : 60 (20:20:20) from total available 68/276 CPUs CPU Speed : 2.8 GHz
Memory : 60 GB (20:20:20) from total available 136/808 GB Network : IPOP (500 Mbps)

Click on the marker to view Info

Case 5

No. of sites = 4, CPU=60, Mem=60, Additional Net=None, Image=ROCK, Time begin=8:00, Time end=12:00, Duration=2 hours

PRAGMA Cloud Testbed services

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BACK TO ORIGINAL MAP

RESERVATION

Search by name

Selected : 0

RESERVE

Click on the marker to view Info

Google

Search by Criteria

Single **Multi**

Resources

Number of site(s): 4

Total CPU (CPUs) Total Memory (GB)

60 60

*Resources are distributed evenly among sites unless specified otherwise.

Duration

Advance

Begin: 15-Feb-2018 8:00

End: 15-Feb-2018 12:00

Reservation length:

From begin to end

2 days 2 hours

* Maximum length : 0 days 1 hours

Others

Additional Network:

None ENT IPOP

Click on the marker to view Info

Google

PRAGMA Cloud Testbed services

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BACK TO ORIGINAL MAP

RESERVATION

Search by name

Selected : 0

RESERVE

Click on the marker to view Info

Google

Search by Criteria

Single **Multi**

Resources

Total CPU (CPUs) Total Memory (GB)

60 60

*Resources are distributed evenly among sites unless specified otherwise.

Duration

Advance

Begin: 15-Feb-2018 8:00

End: 15-Feb-2018 12:00

Reservation length:

From begin to end

2 days 2 hours

* Maximum length : 0 days 1 hours

Others

Additional Network:

None ENT IPOP

Image type:

Rock

SEARCH

Click on the marker to view Info

Google

PRAGMA Cloud Testbed services

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BACK TO ORIONIC MAP

Search by name

RESERVATION

Single cluster on single site
 Single cluster spanning multiple sites

Selected : 0

RESERVE

Total CPU (CPU) : 60 Total memory (GB) : 60

*Resources are distributed evenly among sites unless specified otherwise.

Advance

Duration

Begin: 15-Feb-2018 8:00

End: 15-Feb-2018 12:00

Reservation length:

- From begin to end
- days 2 hours

* Maximum length : 0 days 1 hours

Others

Additional Network:

- None
- ENT
- IPOP

Image type:

Rock

SEARCH

Search by Criteria

Search result (1):

Begin : 15-Feb-2018 8:00 End : 15-Feb-2018 12:00 Reservation length : 0 days 2 hours Additional network : None Image type : Rock

Total CPU : 60 Total Memory : 60 Number of sites : 4

Click on site's name for more description.

Sort by : Name

CU(Asia) x KU(Asia) x UCSD(America) x UF(America)

15-FEB-2018 8:00 to 15-FEB-2018 12:00

CPU : 60 (15:15:15:15) from total available 84/292 CPUs CPU Speed : 2.3 GHz
Memory : 60 GB (15:15:15:15) from total available 168/840 GB Network : IPOP (500 Mbps)

Click on the marker to view Info