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March 20-21  
**2018**  
San Jose, CA

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# Data Center Facility Project

## Colocation Facility

### OCP Scorecard

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# Background

In 2016, work started on a guidelines document to help colocation operators and their clients understand requirements to deploy OCP racks.

First draft was released in Oct 2017, as an Information document and checklist

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# OCP Guidelines for Colos - Checklist

Data Center Subsystems	Attribute	Acceptable	Optimum	Actual	Notes
Data Center Access	<b>must-have</b>				
Data Center Access	Access routes from loading dock to Goods in Area (Storage)	Road level, step and threshold free access	loading dock with lift or leveller		
Data Center Access	Access routes from loading dock to Goods in Area (Storage) delivery pathway	2.7m High x 1.2m Wide unobstructed access and threshold free	2.7m High x 2.4m Wide x 2.4 m Deep unobstructed access and threshold free		
Data Center Access	Ramps - Gradient	1:12	None		
Data Center Access	Ramps - Width	1.2m	1.5m		
Data Center Access	Ramps - Landing area	1.2m X 1.2m	1.5m X 1.5m		
Data Center Access	Ramps - Railings	900mm - 1000mm	900mm - 1000mm		
Data Center Access	Corridor floor rolling load	567Kg (1250lb) (5.56kn)	680Kg (1500 lb) (6.67kn)		
Data Center Access	Unboxing/ pre-staging/storage area floor uniform load	732 kg/m2 (150 lb/ft2)(7.17 kn/m2)	1221 kg/m2 (250 lb/ft2)(11.97 kn/m2)		
Data Center Access	Unboxing/ pre-staging/ storage area floor concentrated load	567 kg (1250 lb) (5.67kn)	680 kg (1500 lb) (6.67kn)		
Data Center Access	Lift / Elevator Weight Loading	1500kg	3000kg		
Data Center Access	Lift / Elevator Door Height	2.4m lift door opening height (not internal cabin)	2.4m lift door opening height (not internal cabin)		
Data Center Access	Lift / Elevator Width	1.2m unobstructed door opening width	1.5m unobstructed door opening width		
Data Center Access	Lift / Elevator Depth	1.5 m unobstructed cabin depth	1.5m unobstructed cabin depth		
Data Center Access	Access routes from loading dock to White Space delivery pathway	1.2m Wide x 2.4m High unobstructed access and threshold free	1.8m Wide x 2.4m High unobstructed access and threshold free		
Data Center Access	White Space access floor underfloor	450mm	450mm		

11.69 x 8.26 in

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# Background

In the summer of 2017, work on a scorecard started based on the guidelines to create a way to grade a facility's **readiness** to host OCP racks as well as uphold the **tenets** of the Open Compute Project

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# The scorecard

## Demo & Feedback Session

OCP Ready Colo Facility Scorecard IEC WIP

File Edit View Insert Format Data Tools Add-ons Help All changes saved in Drive

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fx | OCP Ready COLO Facility Scorecard

	A	B	C	H	I
1	<b>OCP Ready COLO Facility Scorecard</b>	<i>Company Name Here</i>			<i>Notes</i>
2					
3	<b>ACCESS</b>				
4	Building Access	1. Loading dock with lift or leveller	Optimum		
5	Delivery pathway to Goods in	2. ≥2.7m High x ≥1.2m Wide unobstructed access and threshold free	Acceptable		
6	Delivery pathway, Loading dock to White space				
7	Corridor floor rolling load				
8	Unboxing/ pre-staging/storage area floor uniform load				
9	Unboxing/ pre-staging/ storage area floor concentrated load				
10	<b>Ramps</b>				

+ Application Process Site Information 10 Input your Data Summary

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# Proposed submission process

## Application Process for OCP Ready Facility Scoring

1	Colo contacts the OCP Datacenter project lead.
2	Project Lead will create copy of Google Sheets scoring template.
3	Colo fills out scoring sheet and assembles supporting documentation.
4	Colo will contact the Datacenter project lead to schedule time to present their data center at a monthly Project call.
5	Datacenter project community will evaluate submission. Follow-up information may be requested.
6	Once approved by Datacenter Project, final approval given by foundation member.
7	After final approval, colo facility and score sheet will be posted on the Datacenter project Wiki.
8	Colo may choose to become a Service Provider and have their site listed on the OCP Marketplace.

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Questions?

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