Virtual Machine Specs and Information

Specs and information for Virtual Machines in the INCD Stratus Cloud Computing service

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Virtual machine specs

The list of Virtual Machine flavors available to general users in the Stratus cloud computing service.

INCD-Lisbon (Stratus-A)

FLAVOR	vCPUs	RAM (GB)	DISK (GB)
svc1.xs	1	1	10
svc1.s	1	2	40
svc1.m	2	4	40
svc1.l	4	8	40
svc1.xl	8	16	40
svc1.xxl	16	32	40
svc1.big	32	64	40
svc2.s	2	2	40
svc2.m	4	4	40
svc2.l	8	8	40
svc2.xl	16	16	40
svc2.xxl	32	32	40
svc2.big	64	64	40
svc3.s	1	2	750
svc3.m	2	4	750
svc3.l	4	8	750
svc3.xl	8	16	750
svc3.xxl	16	32	750
svc3.big	32	64	750
svc3.xbig	64	128	750
svc4.s	1	2	100
svc4.m	2	4	100

FLAVOR	vCPUs	RAM (GB)	DISK (GB)
svc4.l	4	8	100
svc4.xl	8	16	100
svc4.xxl	16	32	100
svc4.big	32	64	100
svc4.xbig	64	128	100

Notes:

1. Tenant specific flavors can be setup at request.
2. The underlying cloud compute nodes are dual AMD EPYC 7501.
3. Additional disk storage can be obtained through the addition of volumes as block devices.
4. Each tenant can have two public IP addresses, allocation of additional addresses must be justified.
5. A wide range of operating system images is available, additional images can be made available on request or can be uploaded by the user.
6. INCD provides and/or supports the deployment of platforms for different purposes including Galaxy, Jupyter etc. More information in **Platforms**

Platforms

INCD enables long term and short term platforms to enable data sharing and data processing in the cloud. The flexibility of the cloud environment is particularly suitable to support the deployment of computing environments and services that can be both generic or specific to a given scientific domain. INCD supports these type of environments. Examples:

1. [COVID-19 Galaxy service @EOSC-synergy](#)
2. [gbif.pt | Global Biodiversity Information Facility](#)
3. [OPENCoastS. Coastal circulation on-demand forecast](#)
4. [coastnet.pt geoportal](#)
5. [Red list of Vascular Flora in Portugal](#)
6. Jupyter Notebooks

For further information please contact the INCD support **helpdesk**.