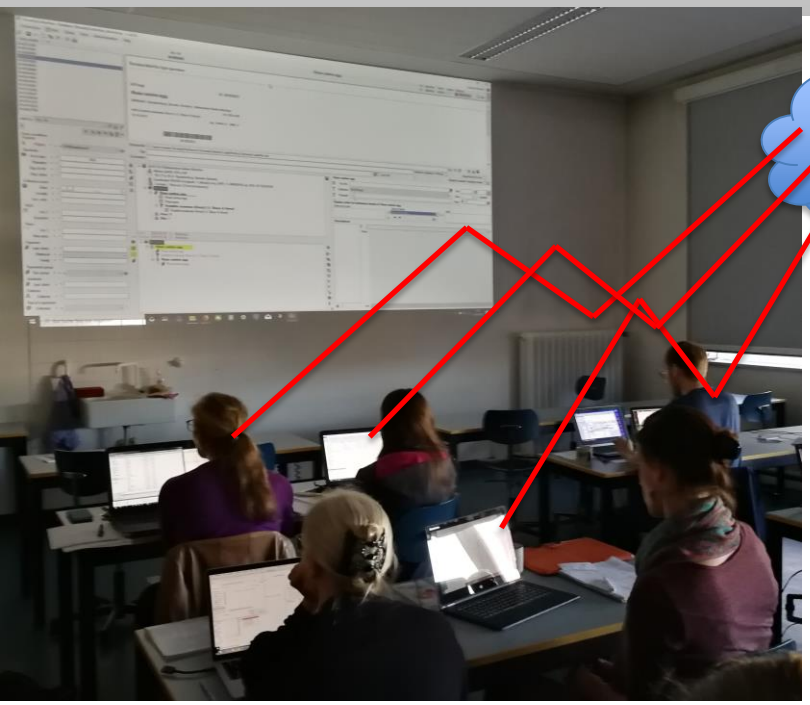
DIVERSITY WORKBENCH

SNSB Staatliche Naturwissenschaftliche Sammlungen Bayerns

DWB Workshop databases and Training server

Anton Link

The world before Corona



Inhouse Workshop

WIFI

Local Network

Workshop server

Clone 1

...

Clone 20

Master databases

Public Network

Training server

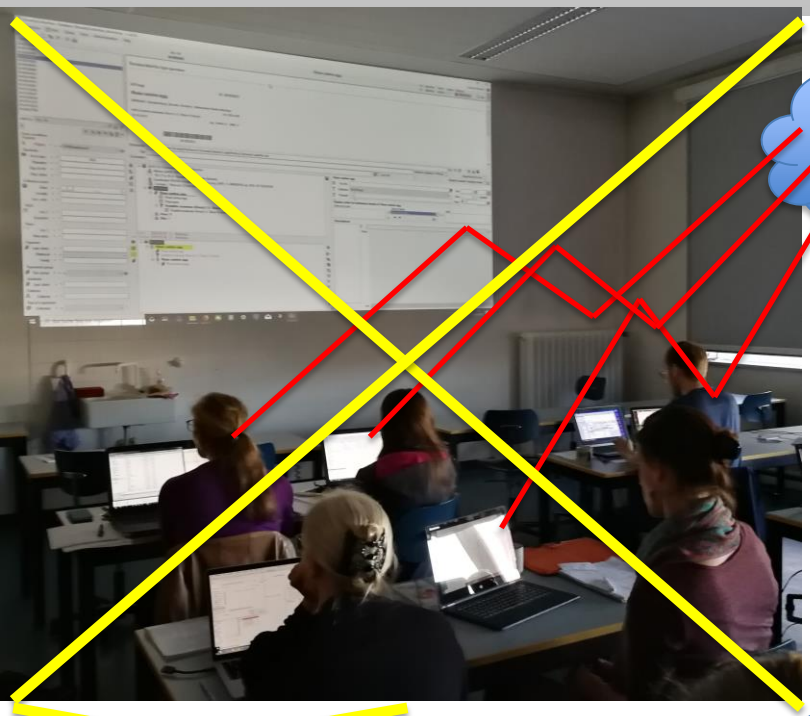
Copy of master databases

Internet

Before Workshop

After Workshop

The world with Corona



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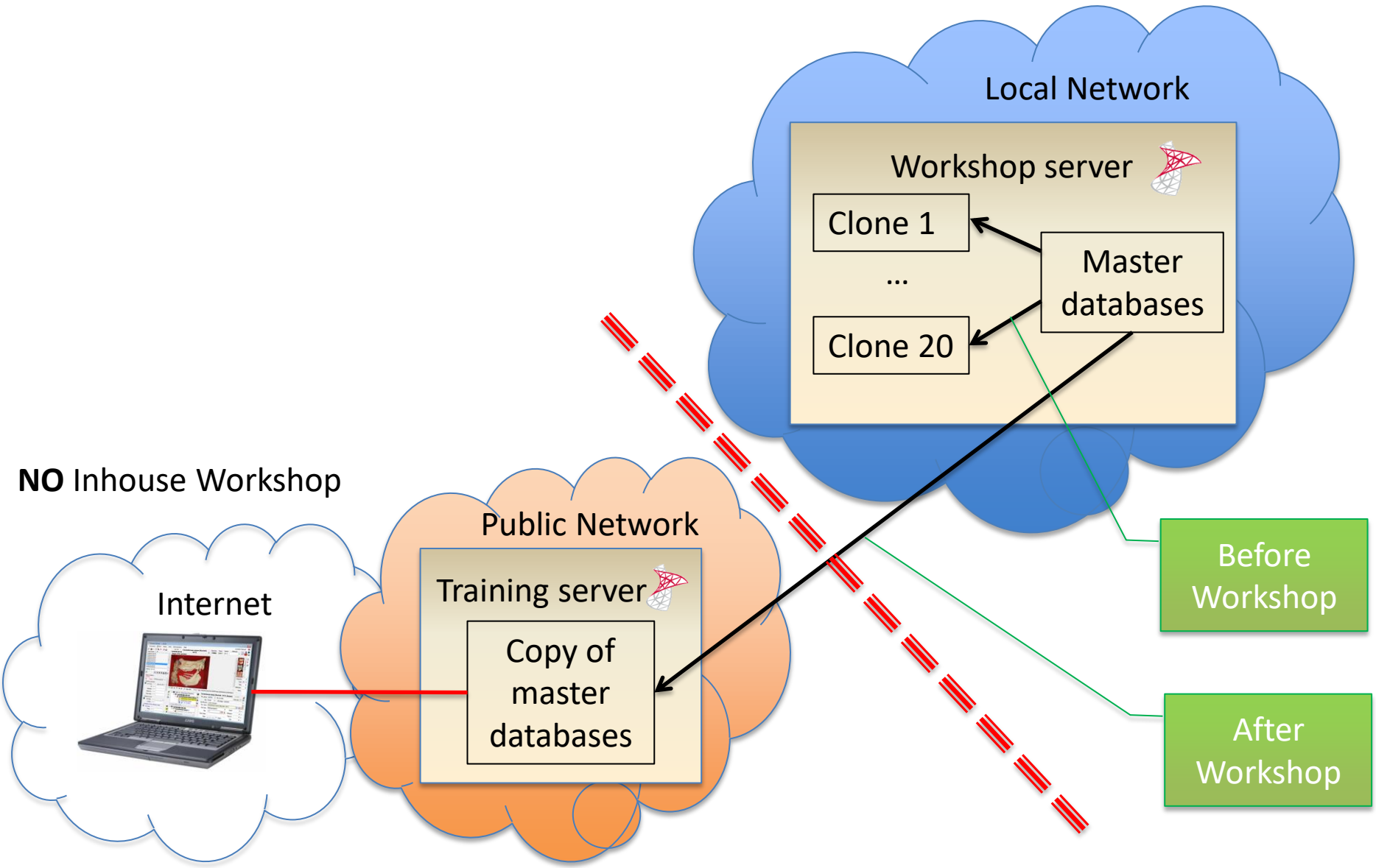
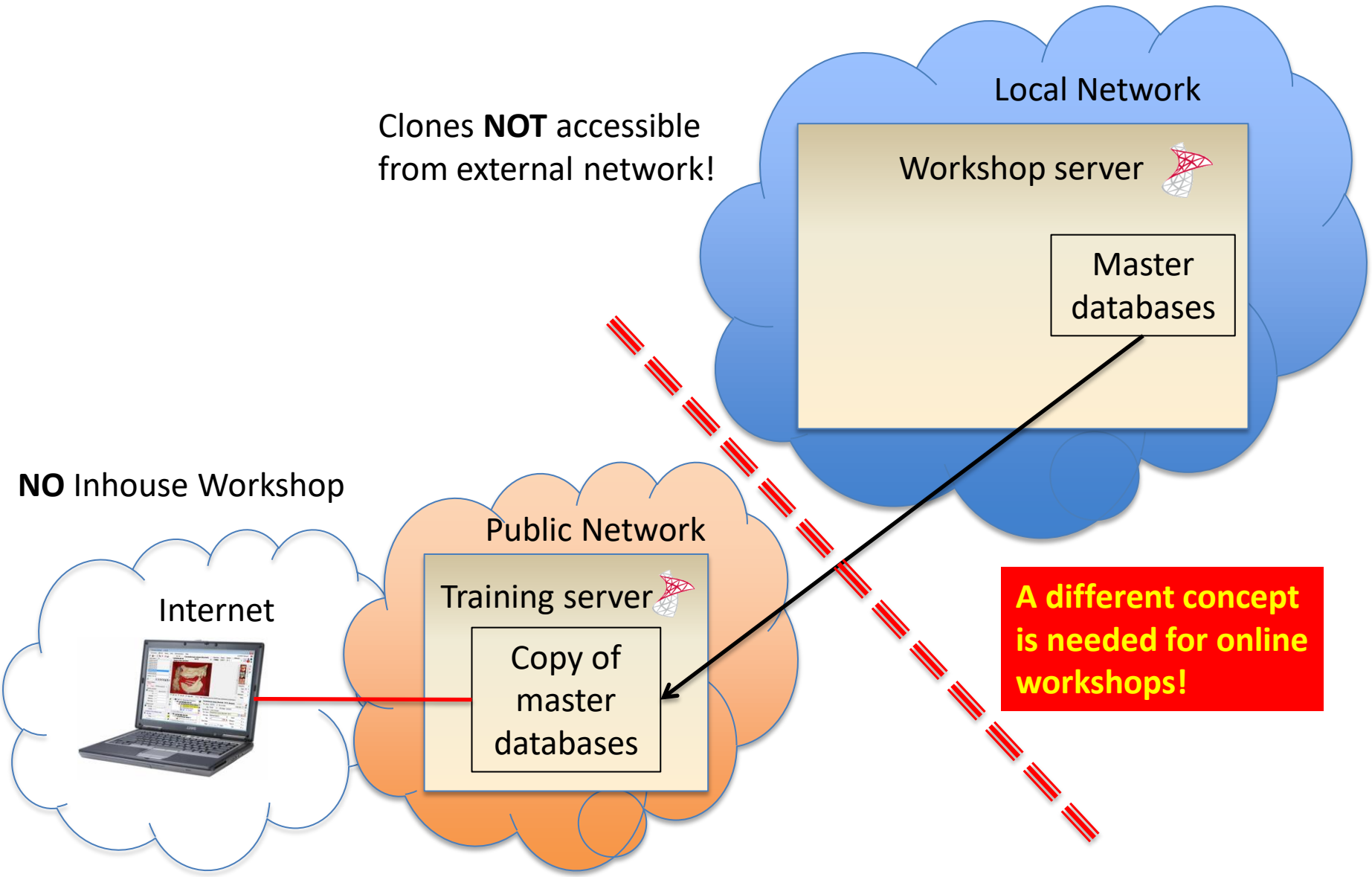


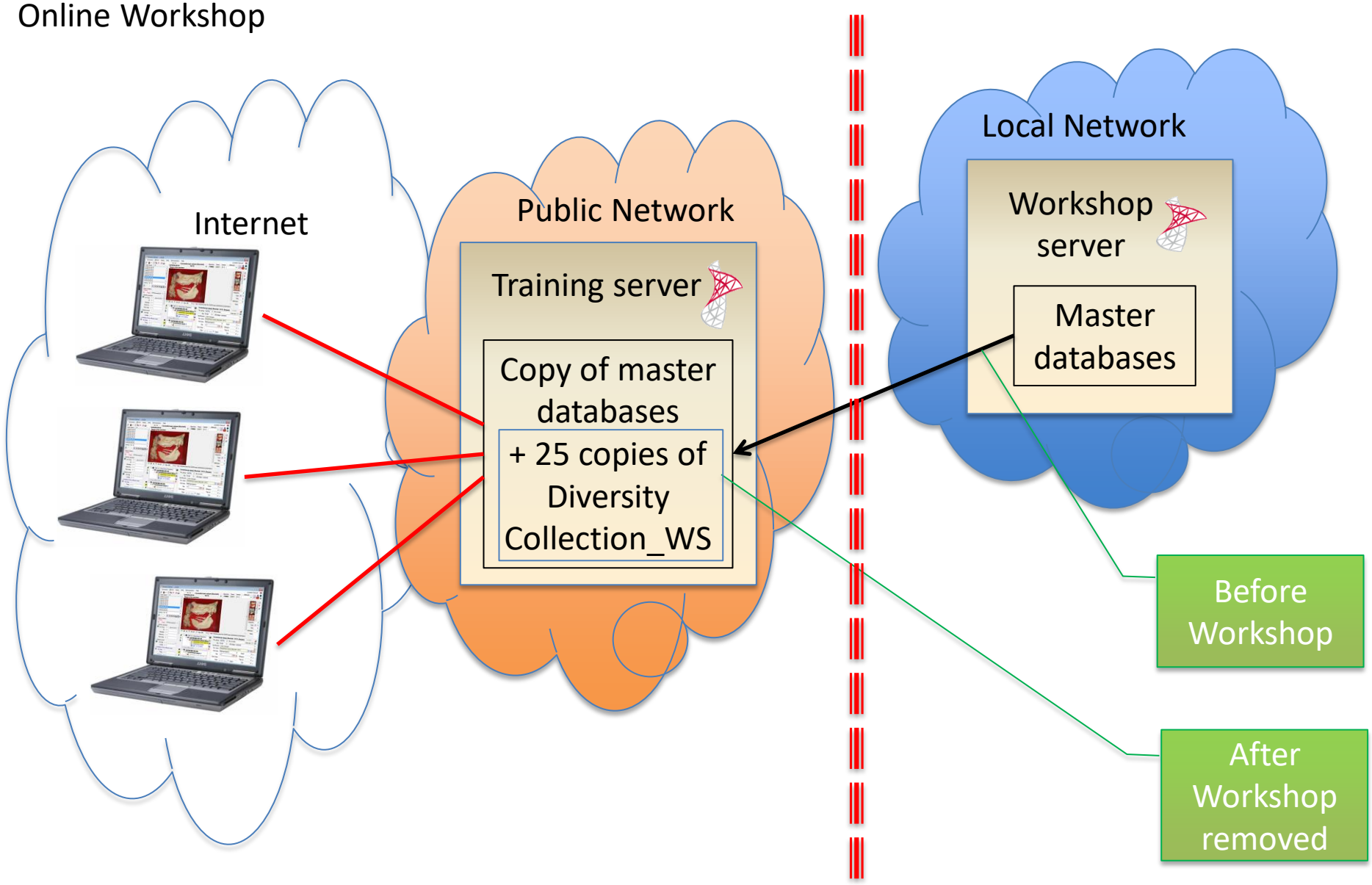
The world with Corona

Clones **NOT** accessible from external network!



The world with Corona

Online Workshop



The Training Server

Server access

- Server address: training.diversityworkbench.de
- Server port: 5432
- Login name: Workshop
- Password: Ask the user helpdesk – will be told in the practical workshop sessions

Databases

- Regular training databases:
  <module>_Workshop (<module>=DiversityAgents, DiversityCollection etc.)
- Individual workshop databases:
  DiversityCollection_Workshop1 … DiversityCollection_Workshop25
- Content:
  Training and example data from real life biodiversity and geodiversity projects as well as with a number of terminologies, gazetteers and taxonomies which are useful as structural templates for creating new ontologies.
  For details see DWB training environment
  https://diversityworkbench.net/Portal/DWB_training_environment

The Training Server

Databases **during** the Workshop

- Every participant in the practical workshop session gets a personal copy of the collection database (DiversityCollection_Workshop1 … 25). **Anyway, be aware that everybody with access to the training account "Workshop" is able to see your data!**
- The regular databases, e.g. DiversityProjects_Workshop, are referenced by the personal collection databases. **Therefore, please do not modify or delete datasets from these databases, unless you are requested to do so during the tutorial!**

Databases **after** the Workshop

- Some time after the workshop the personal copies of the collection database will be deleted. But the regular training database DiversityCollection_Workshop will persist.
- You may add, modify and delete datasets in the training databases ad libitum.
- No backups are made from your changes! The data may be re-initialized at any time! To have full control you might create a private training environment as described under: https://diversityworkbench.net/Portal/How_to_create_a_personal_local_DWB_environment

DWB training environment

DWB training environment

The DWB training environment at the SNSB IT Center includes the following 15 databases with terminologies, gazetteers and taxonomies which are useful as structural templates for creating ne patchy.

The bio- and geodiversity data and the nature science ontologies might be modified/ changed/ re is set back to the initial state every half year or on request. The DWB training environment is ava DWB workshops.

In near future, this **DWB training environment** will be "mirrored" to a GFBio server environmen via the GFBio portal.

Access data to the DWB training environment

- *IP-Adresse: training.diversityworkbench.de*
- *Port: 5432*
- *SQL-Server authentification*
- *User:* WORKSHOP
- *Password: available on request*

Please contact Tanja Weibulat as reference person for DWB user within the GFBio initiative.

Inhaltsverzeichnis [Verbergen]

1 DiversityAgents_Workshops
2 DiversityCollection_Workshop
3 DiversityCollectionCache_Workshop
4 DiversityDescriptions_Workshop
5 DiversityExsiccatae_Workshop
6 DiversityGazetteers_Workshop
7 DiversityProjects_Workshop
8 DiversityReferences_Workshop
9 DiversitySamplingPlots_Workshop
10 DiversityScientificTerms_Workshop
11 DiversityTaxonNames_Fungi_Workshop
12 DiversityTaxonNames_Insecta_Workshop
13 DiversityTaxonNames_Myxomycetes_Workshop
14 DiversityTaxonNames_Plants_Workshop
15 DiversityTaxonNames_Vertebrata_Workshop

DiversityAgents_Workshops

- project: Copy of BSMcollectors (version for training purposes only; content outdated or very patchy)

DiversityCollection_Workshop

- projects:
  - Copy of BSMwohlfcoll (water colours; version for training purposes only; content outdated or very patchy)
  - DWBbarcodingcoll: Single examplary units (= records, = "datasets sensu DC") from GBOL and ZSM barcoding projects
  - DWBmonitoringcoll: 18 examplary units (observation records) from monitoring projects
  - DWBsamplescoll: 46 examplary units (specimen or sample records)

DiversityCollectionCache_Workshop

DiversityDescriptions_Workshop

- DWB project "Tutorial" for the following local example projects:
  - "An Interactive Key to Species of Erythroneura" (© 2003-2006 D. Dmitriev & C. Dietrich) The SDD version is released under http://wiki.tdwg.org/twiki/bin/view/SDD/RealWorldExamples_SDD1dot1

Perspective

Perspective

- In near future, this DWB training environment will be "mirrored" to a GFBio server environment at the GWDG in Göttingen.
- New configurations and scripts will facilitate the direct SSO (Single Sign On) access via the GFBio portal (https://www.gfbio.org/).
- Details will be presented by Sven Bingert on Wednesday.