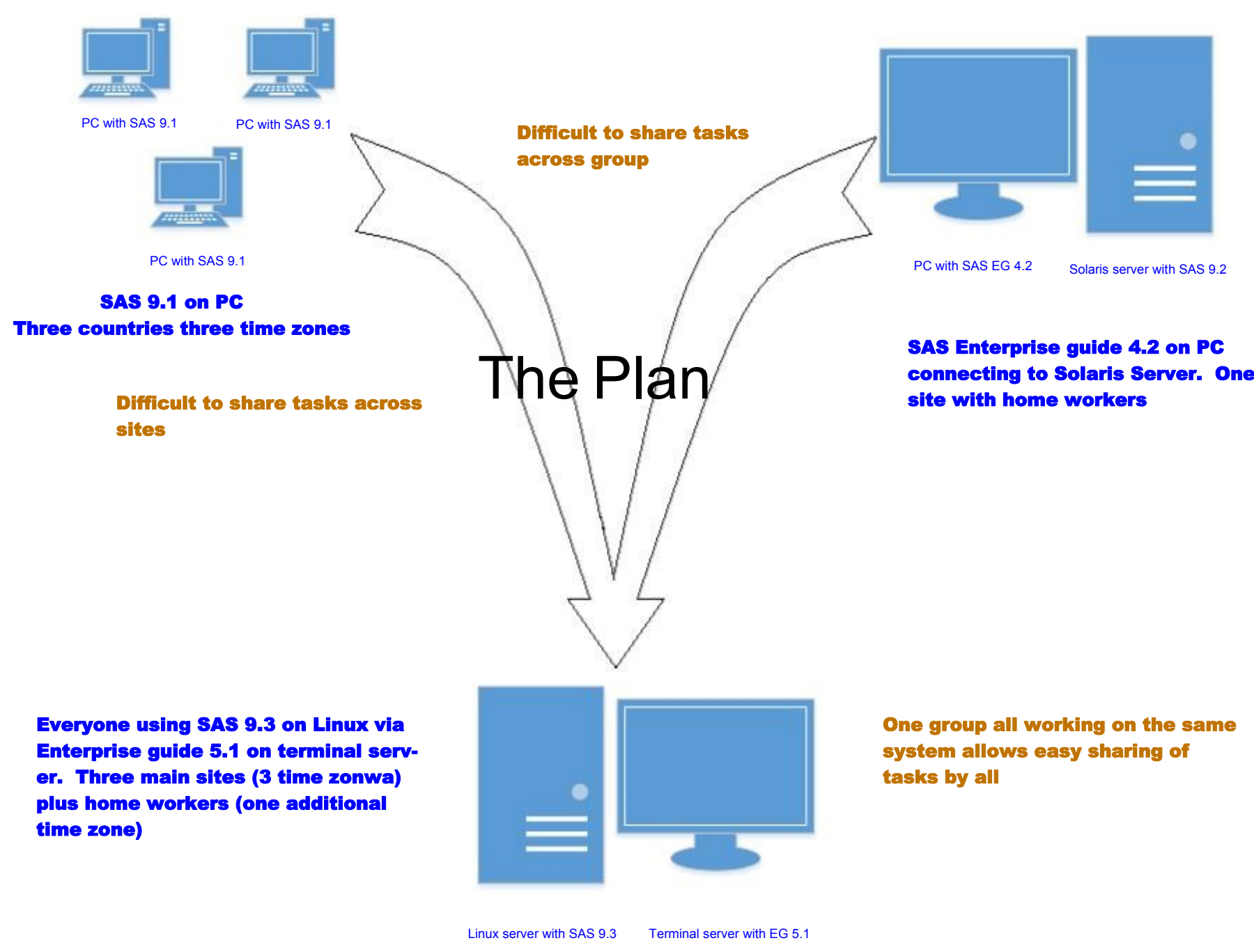


Two into One

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Preparation

- Work out the number of projects required to migrate
- Take note of
 - Size of project
 - Any deadlines the project may have
- Use a dedicated team so they know what to do
- Treat as a project itself to enable resource to be allocated
- Talk to QA to find out what is needed to satisfy them
- Produce a check list of what needs to be done (include any program changes)
- Plan a timetable of what project being done when and let teams know

Migration

- Refine the timetable
- Stop work on the project on the day of migration
- Copy over to the new server (without any changes)
 - compare (1)
- Update the code in the new location and rerun everything
 - compare (2)
- Complete the checklist
- Restart work on the project

Comparisons

- Comparison (1) checks that no differences have been caused by the physical move to the new system
- Comparison (2) checks that there is no difference in the output due to the new environment/system apart from date/time stamp
- Comparison (2) is done for all types of output produced

Issues - Program

- A lot of the PC code used the drive letters- these can no longer be used on the Linux server
- Options are different on the new server – some are no longer available
- The path names are not the same between the Solaris and Linux servers are not the same
- The same graphics options produce different output results on the new server

Issues - Data

- Missing values – what was a missing value in both the PC and Solaris was not recognised as missing on the Linux server
- Hex characters – data read in from non SAS files often turned out to have 'hidden' hex characters that needed to be removed from the fields before the code would work on the Linux server

Issues - System

- Excel is not on Linux Server and is not going to be
- Code can not use the X command to produce formatted excel files so an alternative had to be found which was
 - Write to unformatted CSV file
- Manually run an excel macro outside of SAS to apply the required formats
- This was actually faster than before as the server is faster than the PC

