

# Distribution Monitor

14.02.07

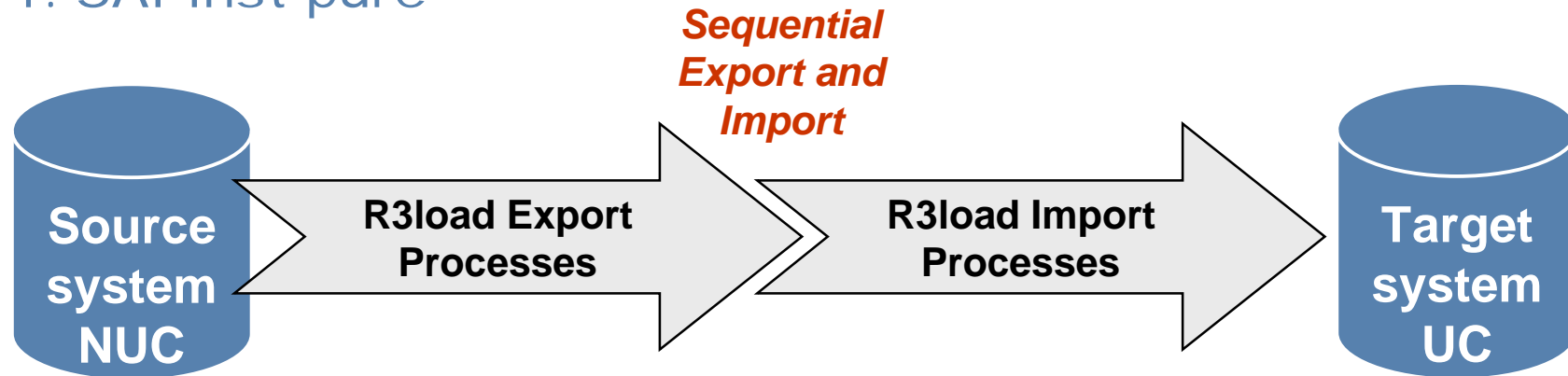
**Distribution Monitor as System  
Copy Tool for Unicode  
Conversions**

## Distribution Monitor (DISTMON)

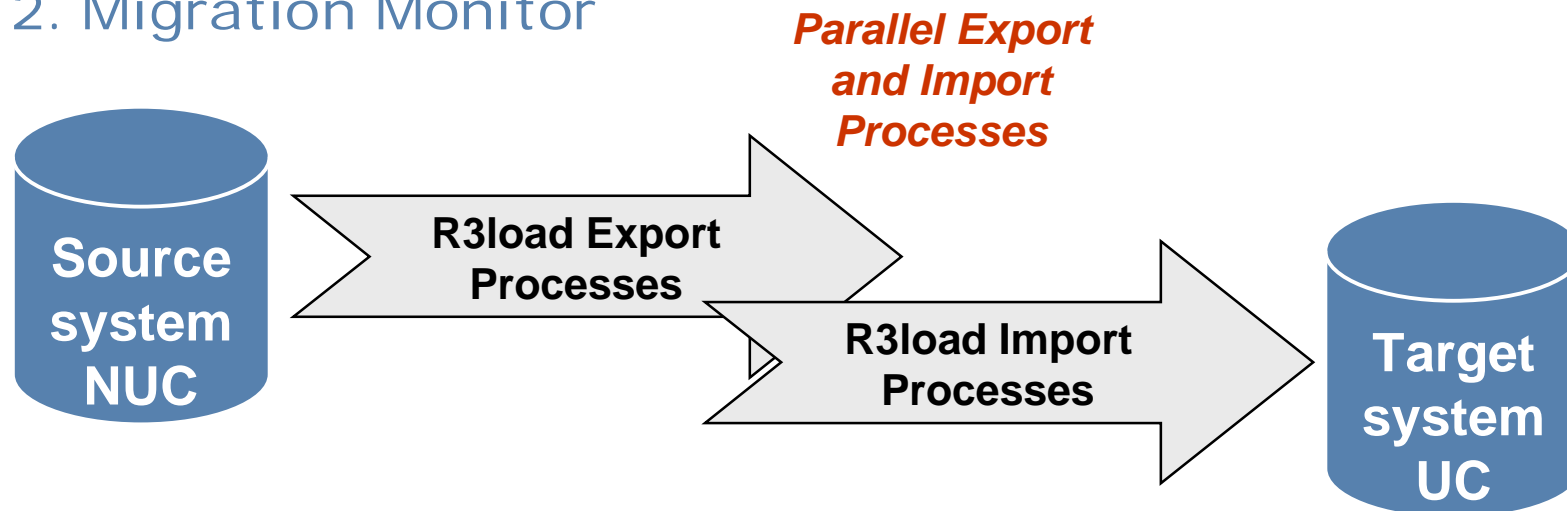
- In a Unicode conversion the system copy causes very high CPU load during the export. Most of the CPU power is spent on the data conversion, especially on processing cluster tables.
- To avoid bottlenecks it makes sense to distribute the data load among multiple machines.
- The System Copy Tool **Distribution Monitor** is designed to take advantage of additional hardware (application servers, PCs,...) for the database export/import.
- Software and documentation can be downloaded from SAP Note [855772](#).

# Degree of Parallelization without DISTMON

## 1. SAPinst pure

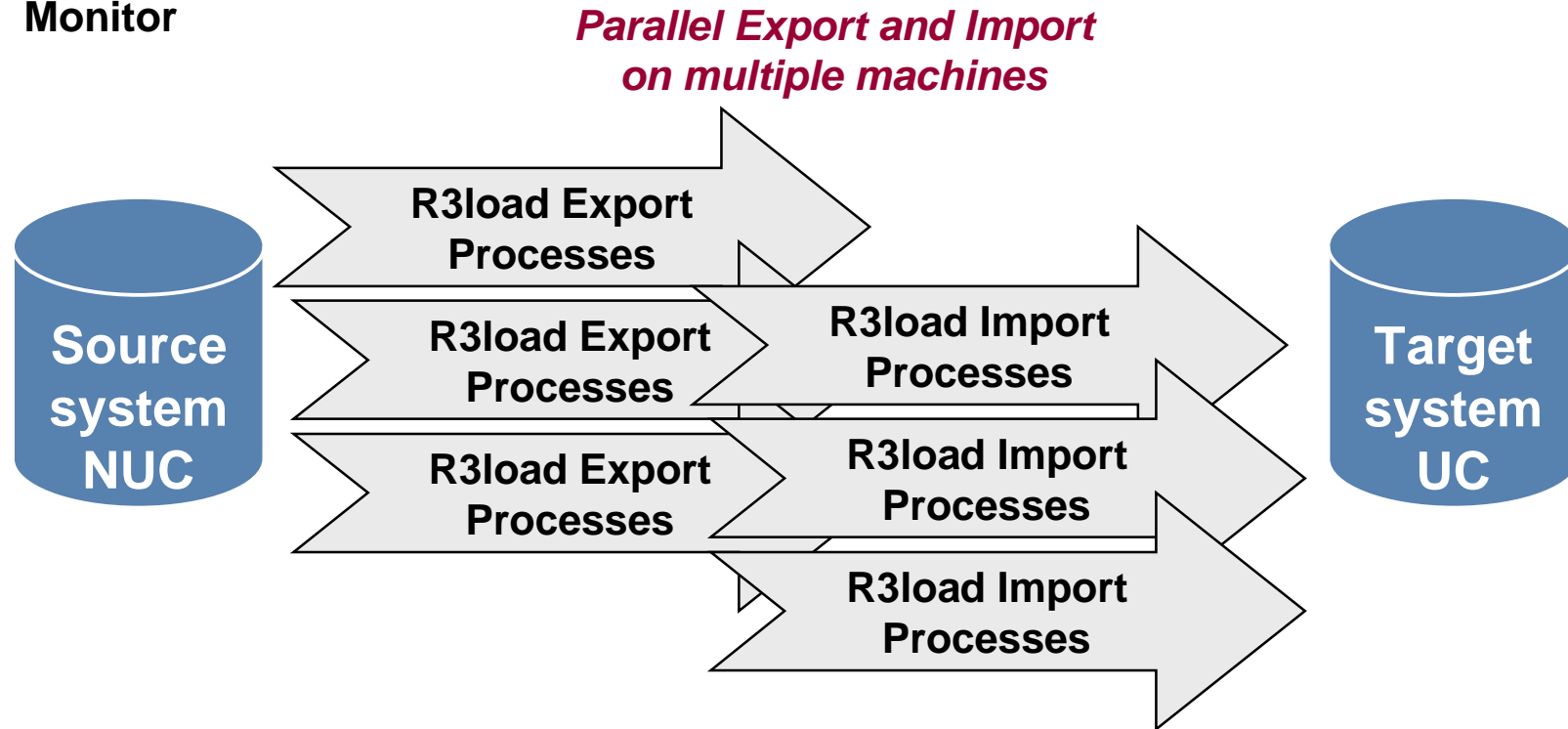


## 2. Migration Monitor

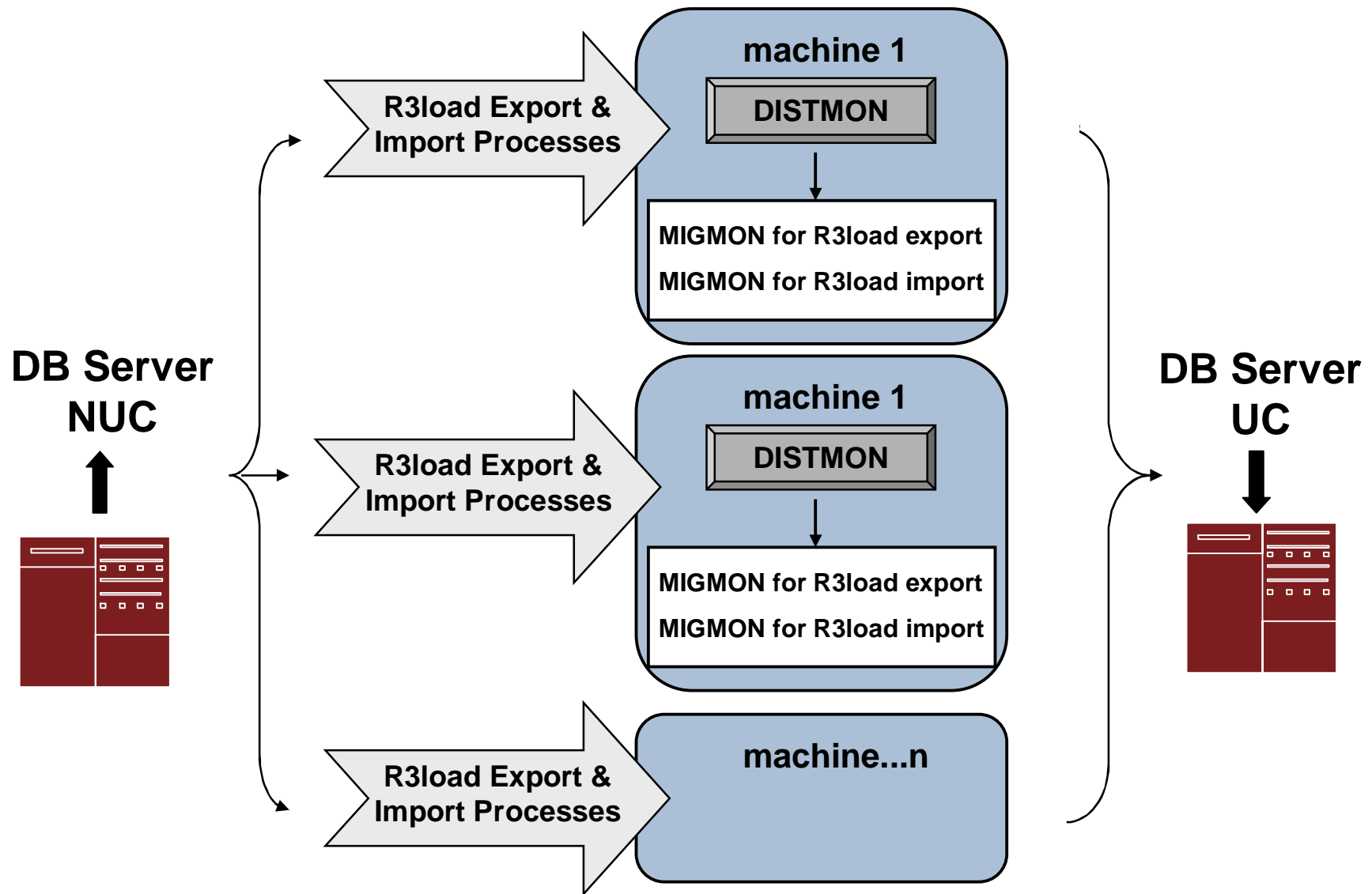


# Degree of Parallelization with DISTMON

## 3. Distribution Monitor



# Distribution Monitor: Overview



# System Copy with Distribution Monitor

## 1. Import Preparation

Start SAPinst in target system, stop before data should be imported.

**No DDIC changes after this point!**

## 2. Export Preparation

Configure DISTMON  
Start DISTMON preparation

## 3. Beginn of System Downtime

Start DISTMON for export on each machine  
Start DISTMON for import on each machine

} Export and Import  
can run in parallel.

## 4. Complete SAPinst in target system

## 5. End of System Downtime

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