Client Sync is a flexible and powerful data-transfer solution that allows technical personnel to build clients in non-production SAP environments. Client Sync is part of the Data Sync Manager™ (DSM) suite, which has five complementary products: Object Sync™ , Client Sync™ , Data Secure™, System Builder™ and System Compare™ . ν Object Sync allows you to transfer business objects easily and accurately, providing you with reliable test data when you need it. ν Client Sync offers high-performance client copying using a table-oriented approach. ν Data Secure protects your sensitive data by providing in-place and integrated masking for other DSM products. ν System Builder allows you to build a new system shell quickly, so you can add object and client data as you need it. ν System Compare allows you to easily identify system differences in the SAP repository. 1.1 Why use Client Sync? Companies using SAP® need to transfer data between clients and systems for production development and support or to refresh training clients. Without an adequate transfer solution, client copies can be timeconsuming and require a lot of storage space. You also risk exposing sensitive data, and transactional flows may be incomplete. With Client Sync, you can create testing or training clients quickly and easily by selecting the time slice of data you need and/or data for certain company codes (with the option to exclude large or sensitive data sets, such as all the employee data from the HCM module). You can also decide whether or not to transfer client-independent or client-dependent customization, authorizations, and user masters. Related transactional data can also be included so that document flows are complete. Client Sync not only eliminates system downtime during copies, but also ensures the integrity of the data. Additional functionality allows you to extend delivered business objects and create new customer-defined business objects. All delivered business objects adhere to the standard SAP authorizations. As a result, Client Sync allows you to create consistent clients easily with just the data you need, when you need it, saving time and space and thus reducing costs. 1.2 How Client Sync works Client Sync has a highly intuitive and user-friendly GUI that helps you slice and transfer SAP application data between clients. A roadmap will lead you through the Sync or import process, allowing you to see exactly which phase you’re in. In the process, you can use pre-defined profiles to select and mask a specific client subset and control the data transfer using various processing and scheduling options. You can also monitor and perform actions on currently executing Syncs in the Monitor Desk, and DSM will keep you updated via email or SMS if you set up notifications. Other useful features include estimation runs (which allow you to determine how much space you need on the target client before executing the transfer) and templates (which reduce the time it takes to create a Sync). Client Sync has four authorization templates to ensure stringent control and security within the product: ν Administrator (who can configure the product) ν Control Center Administrator (who can access the Administration Desk and Control Center) ν Content Developer (who can create and enhance business objects) ν User (who can execute Syncs). For more information about authorizations, see Appendix D. For a glossary of key Client Sync concepts, refer to Important DSM5 terms on our Client Central support portal. Client Sync is available for SAP® ERP (including S/4 HANA), SRM, CRM, GTS, BW, SCM, Bank Analyzer and NetWeaver. Refer to SAP releases and languages supported by DSM5 on our Client Central support portal for more information. 1.3 Structure of this guide This guide is divided into the following sections and appendices: Section Description 2. Starting Client Sync Discusses how to start Client Sync and provides an overview of the DSM launchpads 3. Create Sync Guides you through creating a Sync using various data, masking and execution options 4. Import Sync Describes how to import Syncs5. Delete Client Describes how to delete all of your client’s clientdependent data 6. Estimation runs Discusses how to perform an estimation run, which allows you to determine the effect a Sync will have on a target system 7. Monitor Desk Covers the DSM Monitor Desk, including how to monitor a Sync’s status and view its details